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JOSEPH RECK & SONS

CORPORATION

1902

..CARD..

For the fifth consecutive year we are privileged to chronicle another season of great agricultural prosperity. Based upon this sure foundation, we predict a continuance of general business prosperity during 1902, or, at least, until this year's harvest is made. Although Corn, Potatoes, Oats and many of the minor crops were unusually short the past year, Wheat was a large crop and abnormally high prices obtained on almost everything that the farmer produces.

In no line was the shortage so general as in the seed crop. This was true all over the world, and to such an extent that there will not be enough of many kinds of Peas, Radish, Cabbage, Corn, Carrot, etc., to go around, while the crop of several varieties was a total failure.

We are as well equipped as it is possible to be to meet the situation, through the experience of years and our favorable connections in this country and throughout the world, but we urge customers to make early provision for their requirements to avoid disappointment.

The income from the mercantile branch of our Bureau of Registry and Information has increased to such an extent that this year we feel warranted in giving the services of our Bureau in the agricultural and horticultural lines we handle, without charge to employers who are customers of ours, and employes. (See page 22.) This is quite an important departure and we are sure it will be appreciated.

A new and pleasing feature, Prize Photography, described on page 86, will interest our friends of the camera.

We are grateful for favors bestowed on us by numerous patrons, and with the assurance that our best efforts are always at the service of our customers, we solicit a continuance of their business with us.

**Entrance at the
"Big Clock," 51
and 52 No. Market
St., also entrances
at 46 Merchants
Row and 21 1-2
North Street,
BOSTON, MASS.**

Joseph T. Brecker Long
(Corporation).

**Our Store, opposite North Side of Faneuil Hall, is only a
minute's walk from Adams Square Subway Station.**

.. INDEX ..

NOVELTIES	15-22, 77-86	REQUISITES, GENERAL GARDEN	59-62
VEGETABLES, GENERAL LIST	15-44	IMPLEMENTS, GARDEN AND FARM	137-168
VEGETABLE PLANTS	45	INSECTICIDES AND FUNGICIDES	64-66
GRAINS AND FORAGE SEEDS	45-47	FERTILIZERS	67-70
GRASSES	47-56	POULTRY SUPPLIES	71, 75
BOOKS	57	FLOWER SEEDS, GENERAL LIST	79-123
TRELLISES, PLANT STICKS	58	BULBS AND PLANTS	124-136
		NURSERY DEPARTMENT	129-136

Page	Page	Page	Page
Abobra	117	Arundo	122
Abrobia	102	Asclepias	103
Abutilon	119, 127	Ash (see Fraxinus)	43, 134
Abyssinian Grass (Poa amabilis)	122	Ashes, Hard Wood	67
Acacia	119	Asparagus	24, 45, 78, 119
Acanthus	102	Asparagus Buncher	152
Achillea	102, 130	Asperula	103
Achimenes	119, 124	Asphodelus	103
Achyranthes	127	Aster	79, 80, 91, 92, 93, 103, 127, 130
Actinidia Polygama	132	Aubrietia	103
Aconitum	102	Avena	122
Acroclinium	121	Awnings	144
Adenophora	102	Azalea	132
Adlumia	117	Baby's Breath (Gypsophila)	109
Adonis	102	Bachelor's Button (Centauria cyana)	94
Æthionema	102	Balloon Vine (Cardiospermum)	117
Agathea	102	Balsam (Impatiens)	103, 104
Agapanthus	124	Bands, Leg	74
Ageratum	89, 127	Barberry	43, 132, 135
Agrostemma	102	Barley	45, 73
Agrostis	122	Barrows, Garden, Canal and Coal	149
Akebia	132	Bars, Steel Crow	150
Allegheny Vine (see Adlumia)		Bartonia	104
Allium	102	Baskets, Clothes	166
Almond, Flowering	132	Baskets, Hanging Rustic	61
Alonsoa	102	Baskets, Verbena	61
Aloysia Citriodora	119, 127	Beans	24, 25, 26, 46
Alstrœmeria	102	Bedding Plants	127
Althernanthera	127	Beech (see Fagus)	134
Althœa (see Hollyhock)	132, 135	Beef Scraps	73
Alyssum, Sweet	89, 127, 130	Bee Larkspur (see Delphinium)	
Amaranthus	102, 103	Bee Supplies	21
Amaryllyis	124	Beet	26, 104
Ammobium	121	Beetles, Wood	150
Ampelopsis	117, 132	Beggar Weed	46
Anagallis	103	Begonia	81, 119, 124
Anchusa	103	Bellis	104
Andropogon	122	Bellows	66
Anemone	80, 103, 130	Bells, Swiss Cow	161
Angelonia	103	Bessera	124
Animal Meal	73	Bidens	104
Anthemis	103, 130	Bignonia	117, 132
Anthericum	130	Biota	133
Anti-Ants, Breck's	64	Birch (Betula)	43, 134
Antipests, Little's	65	Bird Seeds	44
Antirrhinum	80, 90	Blackberries	136
Aphis Punk, Nikoteen	64	Black Death	64
Apios	124	Blood, Dried	68
Apples	43, 134, 135	Blue Grass	48
Apricots	43, 135	Boat, Stone	162
Aquatic Plants	128	Bocconia	104
Aquilegia	90, 130	Boltonia	130
Arabis	103	Bone, Fertilizer	68
Aralia	103	Bone, Black	68
Araucaria	78	Bone, Poultry	73
Arbor Vitæ	43, 133, 135	Books	34, 57
Arctotis	103	Boots, Horse Lawn	142
Areca	78	Borage	27
Argemone	103	Bordeaux Mixture	64, 65
Aristolochia	117, 132	Borecole	27
Armeria	103, 130	Boston Ivy (Ampelopsis)	117
Arnebia	103		
Arsenate of Lead	64		
Artichoke	23		
		Bouquet Holders	60
		Bowling Green	78
		Box Edging	135
		Box, Egg Shipping	74
		Boxes, Rustic Window	61
		Brachycome	104
		Bradley's Manures	70
		Briza	123
		Brizopyrum	123
		Broccoli	27
		Bromus	123
		Brooders	75
		Broom Corn	46
		Broom Grass	48
		Broom, Scotch	46
		Browallia	104
		Brushes	61, 74
		Brussels Sprouts	27
		Buckwheat	45, 73
		Bug Death	64
		Bulbs and Plants	124, 136
		Bull Rings	161
		Buncher, Asparagus	152
		Bupthalmum	104
		Bureau of Registry	22
		Butter Color	61
		Butter Workers	160
		Buttonbush	133
		Byronopsis	117
		Cabbage	15, 27, 28, 45
		Cacalia	104
		Cactus	124
		Calampelis	117
		Caladrintia	104
		Caladium	124
		Calceolaria	119
		Calendula	93, 127
		California Native Flowers	105
		California Poppy (see Eschscholtzia)	
		Calla Lily	124
		Calliopsis	95, 130
		Callirhoe	104
		Calycanthus	133
		Campanula	105, 130
		Canary Bird Flower (Tropæolum)	98
		Canary Seed	44
		Candytuft (see Iberis)	
		Candytuft	94, 109, 131
		Canker Worm Extremator	64
		Canna	105, 125
		Cannabis	105
		Canterbury Bells (see Campanula)	
		Caps, Hay	61
		Carbolic	64, 73
		Cardiospermum	117
		Cardoon	29
		Carduus	105
		Carnation (see Dianthus Cary)	81, 125, 127
		Carrier, Hay	162
		Carrier, Egg	74
		Carriage Jacks	162
		Carrot	29
		Cart, Sprinkling	146
		Cart, Farm and Railroad	164
		Carts, Water Barrel and Leaf Rack	141
		Castor Oil Plant (see Ricinus)	114, 127
		Catalpa	133, 134
		Catcher, Moth	166
		Catchfly (see Silene Armeria)	
		Caterpillar Lime	64
		Cattle Stanchions	161
		Cauliflower	19, 28, 45
		Cedar, Red	43
		Celastrus Scandens	132
		Celery	16, 31, 45
		Celosia	80, 95
		Centaurea	94, 127, 130
		Centranthus	105
		Centrosema	117
		Cerastium	105
		Cereal Chicken Feed, Breck's	71
		Chain for Hanging Pots	59
		Chair, Hammock	143
		Chair, Lawn	144
		Chair, Rustic Arm	61
		Chamæpeuce	105
		Charcoal	73
		Chelone	105
		Chemicals	68
		Chervil	28
		Cherries	135
		Chestnut	134
		Chick Manna	73
		Chicken Feed	71
		Chicory	29
		Chinese Pink (see Dianthus)	
		Chionanthus	133
		Chisel, Grafting	153
		Chives	45
		Chloropsis	123
		Chloris	123
		Chopper, Meat	167
		Chrysanthemum	
		Chrysanthemum	81, 95, 119, 124, 125
		Chrysurus	123
		Churns	160
		Cider Mills	162
		Cigar Plant (see Cuphea)	
		Cineraria	105, 119, 120
		Cinnamon Vine	124
		Clarkia	105
		Clematis	117, 131
		Clethra	133
		Clianthus	120
		Climbers	117-119, 131, 132
		Clintonia	105
		Cloth, Protecting	62
		Clothes Dryer	166
		Clothes Washers	166
		Clover	46, 51
		Clover, Cut, Breck's	71
		Clover Meal, Breck's	71
		Coal Barrows	149
		Cobæa	117, 127
		Coccinea	117

Page		Page		Page		Page	
	Cockscomb (see Celosia).		Dipper, Cesspool.....	141	Food, Breck's Eureka....	71	Gynerium.....
	Cocos.....	78	Disinfecting Powders.....	64, 73	Food, Green's Poultry....	73	Gypsophila.....
	Coix.....	123	Dodecatheon.....	107	Food, Midland Poultry....	72	Hammocks
	Coleus.....	120, 127	Dolichos.....	118	Food, Mocking Bird.....	44	Hammock Chairs.....
	Collards.....	29	Dogwood (see Cornus).		Food, Parrot.....	44	Hammock Frames.....
	Collections, Flower Seeds	123	Dracæna.....	78, 120	Food for Flowers.....	61	Hard Fescue.....
	Collector, Grass.....	139	Drills, Seed.....	141	Food, Spratt's.....	73	Hare's Tail (see Lagurus).
	Collinsia.....	105	Dryer, Clothes.....	166	Foliage Plants.....	78	Harness.....
	Color, Butter.....	61	Dusters, Tin.....	67	Forget-me-not (see My-		Harrow.....
	Columbine (see Aquilegia)		Dusty Miller (see Cin-		osotis).		Hawthorn.....
	Commelina.....	106	eraria Maritima).		Forage Seeds.....	45, 46, 47	Hay Caps.....
	Condition Powder.....	73	Dutchman's Pipe (see		Forks, Manure and Spad-		Hay Tedders.....
	Convolvulus.....	106, 117, 118	Aristolochia).		ing.....	151	Heart's Ease (see Viola
	Copperas.....	73	Echeveria	107	Forks, Weeding.....	152	Tricolor).
	Copperdine, Powell's....	64	Echinocystis.....	118	Forsythia.....	133	Heater, Lehman's Car-
	Corchorus.....	133	Eciffo.....	65	Fostite.....	65	riage.....
	Coreopsis (see Calliop-		Edger, Grass.....	140, 148	Fountains, Poultry....	72, 74	Hedge Plants.....
	sis).....	95, 130	Egg, Food.....	71, 73	Four o'Clock (see Mir-		Helenium.....
	Cornus.....	133	Eggs, Settings of.....	75	abilis).		Helianthus.....
	Corn.....	15, 30	Eggs, Nest.....	74	Fowl Meadow Grass.....	49	Helichrysum.....
	Corn, Kaffir.....	46, 47, 73	Egg Plant.....	32, 45	Foxglove (see Digitalis).		Heliosis.....
	Corn Planter.....	165	Egg Producer.....	71, 73	Frame, Hot Bed.....		Heliotrope (Heliotropi-
	Corn, Pop.....	44	Eichhornia.....	128	Frames, Hammock.....	143	um).....
	Corn Salad.....	31	Elder.....	133	Freezia.....	120	Helipterum.....
	Cosmanthus.....	106	Eleagnus Longipes.....	133	Freezer.....	164, 165	Hellebore.....
	Cosmidium.....	106	Eleusine.....	123	Fruit Trees.....	135, 136	Helleborus.....
	Cosmos.....	96	Elichrysium (see Heli-		Fruit Tree Seeds.....	43	Hemerocallis.....
	Cotton Batting.....	61	chrysium).		Fuchsia.....	120, 127	Hemlock.....
	Cow Bells, Swiss.....	161	Elm (Ulmus).....	43, 134	Fumigators.....	65, 155	Hemp Seed.....
	Cowslips (see Primula).		Emulsion, Kerosene....	65	Fungiroid.....	65	Herbaceous Plants....
	Cream Separators.....	160	Endive.....	33	Funkia.....	108	Herbs.....
	Crepis.....	106	English Blue Grass.....	49	Gaillardia	108	Hesperis.....
	Cress.....	31	Ensilage Crops.....	17, 18	Galega.....	108	Heuchera.....
	Crested Dogtail.....	49	Ensilage Cutters.....	163	Gape Cure, Madoc.....	73	Hibiscus.....
	Crinum.....	124	Eradicator, Worm.....	19	Gaura.....	108	Hiller, Celery.....
	Crow Bars, Steel.....	150	Eragrotis.....	123	Genista.....	133	Hoes, Scuffle and Draw..
	Crucianelle.....	106	Erianthus.....	123, 130	Gentiana.....	108	Hoes, Wheel Garden....
	Cucumber.....	15, 32	Erigeron.....	107	Geranium.....	120, 127	Holders, Bouquet.....
	Cucumis.....	118	Erysimum.....	107	Gesnera.....	120	Hollyhocks.....
	Cucurbita.....	118	Erythrina.....	107	Geum.....	108	Honesty (see Lunaria).
	Cultivators.....	147, 148	Eschscholtzia.....	96	Gilia.....	108	Honey Locust.....
	Cuphea.....	120	Eucalyptus.....	107	Gilly Flower (see Stocks).		Honeysuckle.....
	Currants.....	43, 78	Eucharidium.....	107	Gladioli.....	126	Hooks, Grass.....
	Cutters, Ensilage.....	163	Eulalia.....	123, 130	Glaucium.....	108	Hop.....
	Cutters, Kraut.....	168	Euonymus.....	132, 133	Glazier's Points.....	61	Hordeum.....
	Cycas.....	78	Euphorbia.....	107	Globe Amaranth (see		Horn Poppies (see Glau-
	Cyclamen.....	120, 124	Eutoca.....	108	Gomphrena).....	122	cium).
	Cyclanthera.....	118	Evening Primrose (see		Gloxinia.....	120, 121, 126	Horse Lawn Mowers..
	Cyclobothra.....	124	Enothera).		Godetia.....	108	Horse Radish Sets.....
	Cydonia.....	133	Everlastings.....	121, 122	Golden Bell (see Forsy-		House Plants.....
	Cypress Vine (see Ipo-		Evergreens.....	133, 134	thia).....	133	Hose, Cotton.....
	mæa).		Exocordia.....	133	Golden Feather (see Py-		Hose Menders.....
	Dahlia	81, 106, 126	Eyes, Screw, for Trellises.	150	rethrum).		Hose Pipes or Nozzles..
	Daisy, Michaelmas (see As-		False Indigo (see Baptisia).		Golden Roll of Honor. 12, 13, 14		Hose, Rubber.....
	ter Perennis).		Feather Grass (see Stipa).	123	Golf Grasses.....	55	Hot Bed.....
	Dalmation Insect Powder,		Feeder, Calf.....	165	Gomphrena.....	122	Humea.....
	Breck's.....	64, 73	Fence, Wire.....	159	Gooseberries.....	43, 136	Humulus.....
	Dandelion.....	32	Fenzlia.....	108	Gourds.....	118	Hungarian.....
	Datura.....	106	Ferns.....	78, 120	Grafting Chisel.....	153	Hyacinth Bean (see Dol-
	Day Lily (see Funkia).		Fertilizers.....	67, 70	Grain.....	45	ichos).
	Death to Lice.....	73	Festuca.....	123	Grape Dust.....	65	Hyacinth, Water.....
	Delphinium.....	97, 130	Feverfew (see Pyreth-		Grape Vines.....	136	Hydrangea.....
	Desmodium.....	133	rum).....	114, 127	Grasses, Agricultural....	47, 56	Iberis (Candytuft). 94, 109, 131
	Deutzia.....	133	Fibre, Breck's Vegetable.	68	Grasses, Golf Mixtures....	55	Ice Plant (see Mesem-
	Devil-in-the-Bush (see Ni-		Firs.....	133	Grasses, Ornamental. 122, 123		bryanthemum).
	gella).		Fir Tree Oil.....	65	Grasses, Prices of.....	54, 56	Impatiens (Balsam)....
	Dew Plant (see Mesem-		Fish, Desiccated.....	73	Gravel, Bird.....	44	Incubators.....
	bryanthemum).		Fittings, Stable.....	161	Grevillea Robusta.....	121	Indian Cress (see Nastur-
	Dhousa (see Sorghum)....	46, 47	Flavoring Seeds.....	44	Grindstones.....	160	tium).....
	Dials, Sun.....	155	Flax (see also Linum)....	44	Grit, Poultry.....	73	Indian Pink (see Dian-
	Dianthus.....	107, 130	Flower Gatherers.....	153	Guano.....	67	thus).
	Dibbles.....	152	Flower Seeds, General		Guards, Bed and Tree....	139	Ink, Indelible.....
	Dicentra.....	130	List.....	79-123	Guards, Wire Partition..	161	Ink, Tree.....
	Dictamnus.....	107, 130	Flowering Shrubs.....	132	Guaranty.....	8	Insecticides and Fungi-
	Diggers, Potato.....	147	Fly Driver.....	66	Guns, Powder.....	67, 158	cides.....
	Digitalis.....	107	Food, Breck's Cereal		Gutter, Stable.....	161	Insect Powder, Breck's
	Dip, Sheep.....	64	Chicken.....	71	Gymnocladus.....	134	Dalmation.....

	Page		Page		Page
Inula.....	109	Linum.....	109	Mixtures for Permanent	
Ipomæa.....	110	Liquid Fertilizer.....	61, 68	Pastures.....	52, 53
Iris.....	109, 127, 131	Lobelia.....	110, 127	Molucella.....	111
Isolepsis.....	123	Locust Honey.....	43	Momordica.....	118
Italian Rye Grass.....	49	London Purple.....	65	Monarda.....	131
Jacks , Carriage and		Lonicera (see Honeys'kle)	133	Monkey Flower (see	
Wagon.....	162	Lophospermum.....	118	Mimulus).	
Japanese Millet.....	51	Lotus.....	109	Monk's Hood (see Aconi-	
Job's Tears (see Coix)...	123	Love-in-a-Mist (see Ni-		tum).	
Jacobæa (see Senecio).		gella).		Montbretia.....	127
Jacob's Ladder (see Pole-		Love-Lies-Bleeding (see		Morning Glory (see	
monium).		Amaranthus).....	102	Convolvulus).....	106, 117, 118
Joseph's Coat (see Ama-		Lucerne.....	51	Moss, Sphagnum.....	62
ranthus).		Lunaria.....	110	Moulds, Butter.....	168
Juniper.....	133	Lupinus.....	46, 110, 131	Mountain Laurel (see	
Kaffir Corn	46, 47, 73	Lychnis.....	110, 131	Kalmia).....	132
Kale (Borecole).....	27	Lycium Barbatum.....	132	Mourning Bride (see	
Kalmia.....	133	Lymnanthemum.....	128	Scabiosa).	
Kainit.....	68	Lythrum.....	110	Mowers, Horse.....	162
Kaulfussia.....	109	Madeira Vine	127	Mowers, Lawn.....	137, 138
Kenilworth Ivy (see Li-		Magnolia.....	134	Mower Repairs.....	138
naria).		Mahonia.....	133	Mulberries.....	134
Kentia.....	78	Maize.....	47	Musa Ensete.....	81, 121
Kerosene Emulsion.....	65	Malcolmia.....	110	Mushroom Spawn.....	34
Killer, Orr's Liquid Lice..	73	Mallow (Malva).....	110	Musk (see Mimulus).	
Kill-m-right.....	65	Malope.....	110	Mustard.....	36
Knife, Edging.....	140	Malus (Japan Crab).....	133	Myosotis.....	111, 131
Knives, Asparagus.....	152	Mangel Wurzel.....	26	Myriophyllum.....	128
Knives, Budding and		Manger.....	161	Myrsiphyllum.....	121, 127
Pruning.....	153	Manna, Chick.....	73	Nasturtium (see Trop-	
Kohl Rabi.....	33	Manure, Market Garden	67	æolum).....	36, 97, 98, 127
Krop-Kollar.....	61	Manure, Sheep.....	68	Nelumbium.....	111, 128
Labels	61, 62	Manures, Special Com-		Nemesia.....	111
Laburnum.....	134	plete.....	68, 69, 70	Nemophila.....	111
Ladder, Extension.....	168	Mape's Manures.....	69	Nests, Wire Hen's.....	74
Lagurus.....	123	Maple (Acer).....	43, 134	New Zealand Pampas	
Lamps, Stable and Piazza		Marguerite (see Chrys-		Grass (see Arunda).	
Landscape Gardening.....	78	anthemum).		Nicotiana.....	82, 111
Lantana.....	121, 127	Marigold (see Tagetes)		Nicotide.....	65
Lapageria.....	121	.....	81, 127	Nierembergia.....	111
Larch.....	134	Marker, Poultry.....	74	Nigella.....	111
Lard Press.....	168	Martynia.....	35, 110	Nikoteen.....	65
Larkspur (see Delphi-		Marvel of Peru (see Mir-		Nitrate Soda.....	68
nium).....	97, 130	abilis)		Nolana.....	111
Latania.....	78	Mastica.....	62	Nozzles.....	145, 146
Lathyrum.....	131	Mathiola.....	110	Nycterinia.....	111
Lathyrus (see Sweet Peas)		Matricaria.....	111	Nymphæa.....	112, 128
83, 100, 101, 118,	131	Matrimony Vine.....	132	Oak	134
Lavatera.....	109	Mats, Archangel.....	62	Oats.....	45, 46
Lavender (Lavendula)...	109	Mats, Hot Bed.....	62	Enothera.....	112, 131
Lawn Dressing.....	67	Mattocks.....	150	Oil, Lemon.....	65
Lawn Grass.....	55, 56	Maurandya.....	118	Oil of Tar.....	65, 73
Lawn Mowers.....	137, 138	Maw Seed.....	44	Oil, Solubie Fir Tree....	65
Lawn Mower Repairs.....	138	Meadow Fescue Grass..	49	Ointment, Death to Lice	73
Lawn Rakes.....	139	Meadow Foxtail Grass..	49	Okra.....	36
Lawn Sprinklers.....	145, 146	Meal, Fish.....	73	Onion Seed.....	36, 37
Lawn Swings.....	144	Meal, Poultry and Swine	73	Onion Sets.....	37
Leek.....	33	Measuring Tapes.....	150	Onopordon.....	112
Leg Bands.....	74	Meat Choppers.....	167	Orchard Grass.....	48
Lemon Oil.....	65	Melon, Musk.....	16, 35	Orobous.....	112
Lemon Verbena.....	119, 127	Melon, Water.....	35	Oxalis.....	112
Leptosiphon.....	109	Menders, Hose.....	146	Oyster Plant (see Salsify)	42
Leptosyne.....	109	Mesembryanthemum.....	111	Oyster Shells.....	73
Lettuce.....	16, 33, 34, 45	Michælmias Daisy (see		Pæonies	112, 131
Liatriis.....	109, 131	Aster Perennial).		Palms.....	78
Lice Powder.....	73	Mignonette.....	97	Pampas Grass (see Gy-	
Lice Paint, Orr's.....	73	Milking Tubes.....	161	nerium).	
Lifter, Sod.....	140	Milla.....	127	Pandanus.....	78
Lilac (see Syringa).....	133	Millet.....	46, 51, 73	Panicum Crus-Galli.....	51
Lilium.....	127	Mills, Cider.....	162	Pans, Seed and Fern.....	59
Lilies, Water.....	128	Mimosa.....	111	Pansy (see Viola) 83, 98,	
Limnanthus.....	109	Mimulus.....	111	.....	99, 127
Limncharis.....	128	Mina Lobata (see also		Papaver.....	82, 99
Linaria.....	109	Ipomæa).....	118	Paper.....	62
Linden (Tilia).....	134	Mirabilis.....	111	Paper Plant, Egyptian....	128
Line Reels.....	152	Mixtures for Mowing and		Paris Daisy (see Chrys-	
Lines, Garden.....	152	Grazing Lands.....	53, 54	anthemum).	
				Paris Green.....	65
				Paris Green & Fungiroid	65
				Parsley.....	37
				Parsnip.....	37
				Paspalum.....	123
				Passion Flowers (Passi-	
				flora).....	119
				Peaches.....	43, 135
				Pears.....	43, 135
				Peas.....	17, 38, 39, 47, 73
				Peas, Southern Cow.....	46, 47
				Peas, Sweet.....	83, 100, 101
				Pelargonium.....	121
				Pencils, Gardeners'.....	62
				Pennisetum.....	123
				Pentstemon.....	82, 112
				Pepper.....	40, 45
				Perennial Rye Grass.....	50
				Perilla.....	112
				Periwinkle (see Vinca).	
				Permanent Mowing Mix-	
				tures.....	54
				Permanent Pasture Mix-	
				tures.....	52, 53
				Petunia.....	82, 112, 113, 127
				Phacelia.....	113
				Phaseolus.....	119
				Pheasant's Eye (see	
				Adonis).	
				Philadelphus (Mock Or-	
				ange).....	133
				Phlox.....	82, 113, 127, 131
				Photography, Prizes.....	86
				Physalis Franchetti.....	113
				Picks.....	150
				Pills, Roup.....	73
				Pimpernelle (see Ana-	
				gallis).	
				Pines.....	43, 134
				Pinks (see Carnations)...	125
				Pistea, Stratiotes.....	128
				Planet, Jr.Implements	147, 148
				Plant Tubs.....	59
				Plants, House and Lawn.	78
				Planter, Corn.....	165
				Plaster.....	68, 74
				Plaster Dust.....	68
				Plows.....	156, 157
				Plums.....	136
				Poa.....	123
				Points, Glaziers'.....	61
				Polemonium.....	113
				Poplar (Populus).....	134
				Poppy (see Papaver).....	82, 99
				Portulaca.....	113
				Potash.....	68
				Potatoes.....	39
				Potentilla.....	113
				Pots, Flower, Hanging..	59
				Pots, Water.....	155
				Poultry Bone.....	73
				Poultry, Live.....	75
				Poultry Meal, Breck's....	71
				Poultry Supplies.....	71, 75
				Powder, Condition.....	73
				Powder, P. D. Q.....	73
				Press, Fruit.....	167
				Press, Meat.....	167
				Press, Meat Juice.....	167
				Prices of Agricultural	
				Grasses and Clover....	54, 56
				Protecting Cloth.....	62
				Protectors, Plant.....	61, 62
				Prickly Poppy (see Ar-	
				gemone).	
				Primrose (see Primulas)	
				.....	83, 113, 121, 131

	Page		Page		Page		Page
Prince's Feather (see Amaranthus).		Sanvitalia.....	115	Spanish Pink.....	66	Tape, Electric.....	62
Privet.....	135	Saponaria.....	115	Speedwell (see Veronica).		Tapes, Measuring.....	150
Pruners.....	154	Sash, Hot Bed.....	62	Sphagnum.....	62	Tares (Vetches).....	47
Prunus.....	134	Saucers, Flower Pot.....	59	Sphenogyne.....	115	Tarragon.....	45
Puff, Powder.....	67	Sausage Stuffer.....	168	Spinach.....	41	Tassel Flower (see Caca-	
Pumps, Force and Spray		Saws, Pruning.....	154	Spiraea.....	131, 133	lia).	
.....74, 158, 168		Scabiosa.....	115	Spraguea.....	115	Tedders, Hay.....	162
Pump, I X L.....	150	Scales, Family.....	167	Sprayers.....	158	Teosinte.....	47
Pumpkin.....	37	Schizanthus.....	115	Spraying Calendar.....	63	Thistle, Fishbone (see	
Punch, Marking.....	74	Schizopetalon.....	115	Sprinklers, Lawn.....	145, 146	Chamaepeuce).	
Purple Fringe (see Rhus).		Scissors, Vine and Flower	153	Sprinklers, Plant.....	62	Thistle (Onopordon).....	112
Patty Bulb.....	62	Scrapers.....	163	Sprinkling Cart.....	146	Thrift (see Armeria).	
Pyrus.....	133	Scrapers, Tree.....	155	Spruce.....	43, 134, 135	Thunbergia.....	119
Pyrethrum.....	114, 127, 131	Scraps, Ground Beef.....	73	Spurrey.....	47	Tigridia.....	127
Quaking Grass (see		Screens, Coal and Gravel	149	Squash.....	41	Timothy.....	48
Briza).....	123	Scythe, English Lawn.....	142	Squirrel-Tail Grass (see		Tinfoil.....	62
Quassaine, Powell's.....	65	Scythes.....	160	Hordeum).		Tobacco.....	42
Quinces.....	43, 135	Sedum.....	115	Stable Fittings.....	161	Tobacco Dust.....	66, 73
Rack , Hay.....	161	Seeder, Grass.....	158	Stachys.....	115	Tobacco Extract.....	66
Rack, Towel.....	168	Seed Pans.....	59	Stakes, Plant.....	62	Tobacco Stems.....	66, 73
Rack, Whip.....	161	Seeder, Raisin.....	167	Stall Collar.....	161	Tomato.....	42, 45
Radish.....	40	Senecio.....	115	Stanchions, Cattle.....	161	Torches.....	158
Ragged Robin (see Lych-		Sensitive Plant (see Mi-		Stands, Plant and Rustic.		Torenia.....	116
nis).		mosa).		.....60, 61		Tough on Flies.....	66
Raisin Seeder.....	167	Separators, Cream.....	160	Statice.....	115	Trap, Mole.....	141
Rakes, Horse Hay.....	162	Settees, Lawn.....	143, 144	Sterilizer, Soil.....	20	Trap, Moth.....	166
Rakes, Lawn.....	139	Shade-Trees.....	134	Stevia.....	121	Tree Guards.....	139
Rakes, Garden and Gravel	151	Shakers, Powder.....	67	Sticks, Plant.....	58, 62	Tree Ink.....	64
Ranunculus.....	114	Shamrock.....	84	Stipa.....	123	Tree Pruners.....	154
Rape.....	44, 47	Shears, Grass, Hedge,		Stocks (see Mathiola).		Tree Seeds.....	43
Raspberries.....	43, 136	Border and Sheep.....	142	.....84, 115, 116, 127		Trefoil.....	51
Red Fescue.....	50	Shears, Pruning.....	142, 154	Stone Boat.....	162	Trellises.....	58, 62
Red Top Grass.....	48	Sheep's Fescue.....	49	Stonecrop (see Sedum).		Tricholena.....	123
Red Hot Poker Plant		Shelf, Wire Window.....	61	Strawberries.....	43, 136	Trifolium (Sweet Clover)	116
(see Tritoma).		Shell Flower (see Molu-		Strawberry Tree (see Caly-		Tripsacum.....	123
Reels, Garden Line.....	152	cella).		canthus).		Tritoma.....	116
Reels, Hose.....	146	Shells, Ground Oyster...	73	Streptocarpus.....	121	Tritonia.....	116
Repairs, Mower.....	138	Shortia.....	122	Stretchers, Wire.....	165	Trollius.....	116
Repairs, Planet, Jr.....	148	Shovels.....	151	Sugar Cane.....	47	Tropaeolum.....	36, 97, 98, 127
Reseda.....	97	Shrubs, Hardy.....	132	Sulphate Ammonia.....	68	Trough, Water.....	161
Retinospora.....	134	Shrub Seeds.....	43	Sulphate Copper.....	66	Trowels, Garden.....	152
Rhodanth.....	122	Sieves, Wire.....	62	Sulphate Potash.....	68	Trucks, Plant.....	60
Rhode Island Bent Grass	50	Silene.....	115	Sulpho-Napthol.....	73	Truck, Water Barrel.....	141
Rhododendrons.....	132	Silkalene.....	62	Sulphur, Flowers of.....	66	Trumpet Flower (see Da-	
Rhubarb.....	40, 45	Silos.....	163	Sun Dials.....	155	tura).	
Rhus.....	133	Slicer, Vegetable.....	168	Sunflowers (see Helian-		Trumpet Vine (see Big-	
Rice, Unhulled.....	44	Slug Shot.....	65	thus).....	47, 73, 83, 101, 130	nonia).	
Rice, Wild.....	45	Small Fruits.....	136	Supports, Carnation.....	62	Tuberoses.....	127
Ricinus.....	114, 127	Smilax (see Myrsiphyllum)		Supports, Tomato.....	62	Tubs, Plant.....	59
Rings, Bull.....	161	.....121, 127		Swainsonia.....	116	Tulip Tree.....	134
Roffea.....	62	Smoke-Tree (see Rhus).		Swan River Daisy (see		Turnip.....	43
Rollers, Garden and		Snake Cucumber (see Cu-		Brachycome).		Twine.....	62
Field.....	140, 141	cumis flexuosus.....	118	Sweeper, Lawn.....	137, 139	Uniola	123
Rollers, Water Ballast.....	141	Snapdragon (see Antir-		Sweet Alyssum (see Alys-		Ulmas.....	134
Rolling Pins.....	167	rhinum).....	90	sum).		Valeriana	116
Roofing Material.....	144	Snowball (Viburnum).....	133	Sweet Clover.....	116	Various Leaved Fescue...	50
Rose Campion (Agros-		Snowdrop-Tree (see Hal-		Sweet Peas (see Lathyrus)		Vases, Rustic, Florists'	
temma).		sia).		.....83, 100, 101		and Iron.....	60
Roses.....	77, 85, 129, 130	Snow-on-the-Mountain		Sweet Potato Plants.....	45	Vegetable Plants and	
Rose of Heaven (see		(see Euphorbia).		Sweet Rocket (see Hes-		Roots.....	45
Agrostemma).		Soap, Fir-Tree Oil.....	65	peris).		Vegetable Seeds, General	
Rose of Sharon (see		Soap, Permcol-Copper...	66	Sweet Sultan (Centaurea)	94	List.....	15, 44
Althæa).		Soap, Permcol-Kerosene..	65	Sweet Vernal Grass.....	50	Venidium.....	116
Rough Stalked Meadow..	50	Soap, Sulpho-Tobacco...	65	Sweet William (see Dian-		Venus' Looking-glass (see	
Roup Pills.....	73	Soap, Tobacco.....	65	thus).		Campanula).	
Rubber Plants.....	78	Soap, Whale-Oil.....	65	Swings, Lawn.....	144	Verbena.....	116, 117, 127
Rudbeckia.....	83, 114, 131	Sod Lifter.....	140	Sylvinit.....	68	Veronica.....	117, 131
Rustic Work.....	61	Soil.....	62	Syringa.....	133, 134	Vetches.....	47
Rust's Egg Producer.....	73	Solanum.....	115	Syringes.....	155	Viburnum.....	133
Rye.....	45	Song Restorer.....	44	Tables of Grass Mix-		Victor Fly Driver.....	66
Sacaline	47	Soot, Scotch.....	68	tures	52, 53, 54	Vinca.....	121, 127
Saintpaulia Ionantha.....	121	Sorghum.....	44, 47, 73	Tables, Valuable.....	76	Viola.....	83, 98, 99, 127
Salpiglossis.....	114	Sower, Broad Cast Seed		Tacsonia.....	121	Virginia Creeper (Am-	
Salsify.....	42	.....141, 165		Tagetes (Marigold).....	81	pelopsis).....	132
Salt Dish.....	161	Sower, Hand Fertilizer..	140	Tall Fescue Grass.....	49	Virginian Stock (see	
Salvia.....	83, 84, 114, 115, 127	Sowers, Seed.....	147	Tall Meadow Oat Grass..	50	Malcomia).	
		Spades.....	151	Tankage, Ground.....	68	Viscaria.....	117

	Page		Page		Page		Page
Wagon	157	Weeder, Lawn.....	142	Wild Indigo (see Amor-pha).		Xeranthemum	122
Wahlenbergia.....	117	Weeders.....	152, 165	Wild Rice.....	45	XL-All Insecticide.....	66
Waitzia.....	122	Weigelia.....	133	Willow (Salix).....	134	X-Zalia.....	73
Wake Robin (see Trillium).		Wheat.....	45, 73	Wind Flower (see Anemone)		Yarrow (see Achillea).	
Wallflower.....	84, 117	Wheelbarrows.....	149	Wire, Bouquet.....	62	Yellow Oat Grass.....	50
Washer, Clothes.....	166	Whip Rack.....	161	Wire Fence.....	159	Yucca Filamentosa.....	131
Water Barrel Truck.....	141	White Fringe (see Chionanthus).		Wire for Fencing.....	159	Zea	123
Water Lily.....	128	Whitlavia.....	117	Wistaria.....	132	Zinc Labels.....	61
Water Pots.....	155	Wigandia.....	117	Wood Meadow Grass....	50	Zinnia.....	101, 127
Watering Device.....	150	Wild Cucumber.....	118	Worm Eradicator.....	19	Zizania.....	45
Wax, Grafting.....	62	Wild Flower Garden....	123	Wringer, Clothes.....	166		
Weaner, Calf.....	161						

Register for Next Year's Catalogue.

Our customers and friends, doubtless, to some extent appreciate the expense annually incurred in producing and mailing our General Catalogue, and also the necessity imposed on us through this expense of mailing only to customers or to those who are likely to favor us with orders.

With this in view we endeavor to keep our mailing list up to date by crossing out after a year or two all names of persons who have not an account on our books, or who have not left their names either with the salesmen or on the Catalogue Register when making a cash purchase at our store.

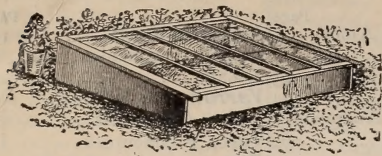
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This kindness will be appreciated and will be an advantage to our patrons as well as ourselves.

THE HOT-BED, THE GOLD-FRAME.

Time and annoyance are often saved by sowing many varieties of Vegetables and Flower Seeds in a hot-bed, or even cold-frame; the convenience of one or both of these on small or large places can scarcely be estimated. Tomatoes, Egg Plants, Pepper, Cabbage, Cauliflower, Lettuce, and an endless variety of flowers can be raised from seed with but little expense and labor. Plants produced at home have an advantage over purchased ones in that they can be transplanted at the convenience of the owner any time after they are large enough, without the root-fibres getting dried, or the growth in any degree interrupted. Hot-beds should be prepared early in February, although even a little later will do well enough in some latitudes. Provide fresh horse manure and leaves, about two-thirds to one-third respectively. Mix thoroughly, tramping down the mass in successive layers, in a pile, so that fermentation will take place even in severe cold weather. In a few days the fermentation will be apparent by the escape of steam from the heap; it should then be turned and allowed to remain two or three days longer, or until the second fermentation begins. Select a dry, sheltered spot, facing the south or east, if possible; make an excavation two and a half feet deep and of a size suited to the number of plants required; the pit should either be built up with brick or lined with wood; the frame for sashes should be 18 inches high at the back and 12 inches in front, which will give the proper slope for catching the sunlight; cross-pieces should be placed for the sashes to slide on to facilitate opening and shutting the frames. When everything is ready, the manure that has been prepared is placed in the pit and trodden down firmly in layers to the depth of two and a half feet. The sashes should then be put on and kept closed until the heat rises to about 100° and subsides again to 90° or a little less; the heat can readily be determined by plunging a thermometer in the manure. The soil, which should be prepared by being mixed with one-third well-rotted cow manure, can then be put on to a depth of six or eight inches, and the seed sown thinly in drills two or three inches apart, and afterwards when plants are in the rough leaf either thinned out or transplanted to another frame; air must be given every mild day by raising the sash. Tepid water should be given the young plants when necessary; at nights and during severe cold weather, cover with straw mats or board shutters.

A cold-frame is simply a frame of boards or brick set on the ground in a warm, sheltered position, and kept from freezing by mats, shutters, or a thick covering of straw, salt hay, or coarse litter, over and all around the sides. The soil is prepared by forking in and thoroughly mixing, to a depth of one foot, a liberal quantity of well-rotted cow manure, or the manure from an old hot-bed. If such a frame is made ready in the fall, Cabbage, Cauliflower, and Lettuce plants may be set in it and become well established before very cold weather. During cold days admit air freely, the object being to keep the plants in a dormant state without actual freezing, so that on the return of spring they are in a forward condition for an early crop.—Cabbage, Cauliflower, Lettuce, Radish, etc., may be sown in a cold frame any bright, mild day during March or April, and will make strong plants for setting out as soon as the ground is in condition to receive them.



Hot-Bed, Sash and Frame, Complete, For Violets, Flower Seeds and Early Vegetables.

Having received numerous inquiries for a *Hot-Bed Sash* that was light and easy to handle, we decided that it would be a good idea to construct a *Sash and Frame Complete* that would meet the requirements.

After carefully studying several designs we adopted the one shown in cut, as most desirable in all particulars.

The outside dimensions of *Frame* are three feet one inch long, and four feet eight inches wide, made of one inch *Cypress*; the back piece is nine inches wide and the front piece is six inches wide, grooved together, and held in place by eight strong hooks.

Being fastened together by the hooks enables one to take it apart at the end of the season and store away in a very compact form, which we consider an essential feature, as by so doing the frame may be made to last for years.

The *Sash* is also made of *Cypress* of one and one-half inch stock, put together and glazed in the very best manner. On the underside of *Sash* is fastened a cleat, one inch from the outer edge, all around, thus forming a rabbet which makes the frame very tight, preventing the cold air from entering or the heat escaping.

The construction of the frame is so simple that any one with a hammer and screwdriver can put it together in a few minutes. We furnish hinges and screws for attaching the sash to back of frame; also the hook and eyes for corners.

In offering this *Special Hot-Bed* to our customers we feel that we have something that will give entire satisfaction and will supply a long felt want.

Our price for *Frame* and *Sash* complete is **only \$3.25** delivered at the railroad in Boston.

Fungicides and Insecticides.

"It is very difficult to give any statement of the amount of a fungicide or insecticide required to properly spray any of the various plants on which they may be used. The size and leaf-surface of plants of the same kind vary so much with their age, the conditions of cultivation and other controlling factors, that it is hardly possible to say what is an average plant of any sort. Besides this, very few experimenters have published statements as to the quantities used in their work. Yet one of the first questions asked by a beginner is, 'How much do I need?' With these facts understood, the following figures may be given as approximate statements of the amount of a preparation required for properly spraying the crops named, when a suitable and economical nozzle is used. For another plant the amount can be roughly estimated by a comparison of its leaf and surface with that of one of these: For apple-trees, $1\frac{1}{2}$ to 2 gallons to a good-sized tree; for grape-vines, one gallon to six or eight well-grown vines; for potatoes, 100 to 125 gallons per acre."

Preparation of Fungicides.

We quote from Professor Humphrey's article in Bulletin No. 39, on this subject:

The Bordeaux Mixture requires six lbs. sulphate of copper, four lbs. quicklime (fresh) and 22 gallons of water. The sulphate of copper is dissolved in two gallons of water, to which 14 gallons is added after the solution is complete. The quicklime is slaked in six gallons of water and stirred thoroughly until it forms a smooth, even mixture. After standing for a short time, it is again stirred and added gradually to the sulphate solution, which is thoroughly stirred meanwhile. The mixture is then ready for use.

Ammoniacal Carbonate of Copper in its improved form is prepared from three ounces carbonate of copper, one pound carbonate of ammonia, and 50 gallons of water. Mix the carbonate of copper and the carbonate of ammonia, pulverized, and dissolve the mixture in two quarts of hot water. When they are wholly dissolved, add the solution to enough water to make the whole quantity 50 gallons.

Paris Green and London Purple should be used at the rate of one pound to 100 gallons of water.

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GOLDEN ROLL OF HONOR

"A continuous business relationship of 40 years or more is certainly a fair test of integrity and honorable dealing."

The ever increasing growth of our business is very gratifying to us. We realize that this is due, in a large measure, to the kind words and recommendations of customers. We sincerely thank all our friends for their continued confidence and patronage. The pride we feel in being privileged to reproduce herewith another set of photographs and publish the long list of names of those who have dealt with us for such long periods of years cannot be expressed in words. The likeness of Mr. J. O. Wilcox is from a photograph made at the age of 90 years; Mr. Wilcox was a manufacturer of Agricultural Implements. His son, Mr. E. D. Wilcox of Newton, who is still a customer, was associated in business with him from 1842. Another instance of our retaining successive generations as customers is that of the Messrs. Nisbet. The senior Mr. Nisbet was born on the estate of the Earl of Selkirk, Saint Mary's Isle, Scotland, where his father was land steward. He came to this country in 1842 and secured a situation as gardener in Dutchess County, N. Y. He held several important gardening positions afterwards, and was instrumental in developing many fine estates both in Canada and the United States. Mr. James Nisbet is the well-known landscape gardener and florist. Major Cabot, who has traded with us for over half a century, has had a busy and eventful life. Born in Boston in 1826, he received his education and resided here until 1844, when he went to China and Manila "before the mast." He was in the Calcutta trade on Central and India Wharfs till 1862. Was commissioned a captain in February, 1862, and raised a battalion Massachusetts Volunteer Artillery and received his major's commission in 1864.

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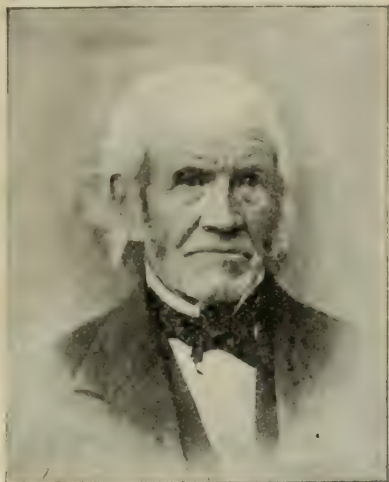
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Mr. Seth Foster, Norwell.....		45 "	*Mr. Franklin King (E. & F. King), Boston.....	71 "
Mr. Urban Derby, Concord.....		43 "	Mr. S. A. Stetson, Boston.....	61 "
Mr. John Fisk, Billerica.....		40 "	*Mr. George Bird, Cambridge.....	71 "
*Mr. I. N. Howland, W. Duxbury.....		40 "	Mr. G. B. Talbot, Norwood.....	61 "
Mr. J. Whitehead, Saugus.....		40 "	Mr. John S. Richards, Brookline.....	64 "
Mr. Theo. G. Dennett, Somerville.....		40 "	Mr. S. W. Grant, Wrentham.....	47 "
Mr. Henry M. Wiswall, Watertown.....		40 "	Mr. C. S. Bates, Cohasset.....	51 "
Mr. Aaron Hill, Woburn.....		40 "	Mr. Samuel T. Sharpe, Watertown.....	44 "
Mr. John Hill, Woburn.....		40 "	*Mr. Fearing Burr, Hingham Centre.....	61 "
Mr. J. E. Wood, Enfield.....		40 "	Mr. E. A. Brackett, Winchester.....	52 "
Mr. Alvan L. Lovejoy, Boston.....		40 "	Mr. J. Harrigan, East Foxboro.....	42 "
Mr. Charles F. Kimball, Dedham.....		40 "	Mr. Matthew H. Burr, Hingham Centre.....	61 "
Mr. J. O. Bisbee, Stoughton.....		61 "	Mr. Daniel Bowker, Malden.....	67 "
Mr. J. E. Tolman, Waltham.....		55 "	Rev. C. S. Locke, West Dedham.....	43 "
Dr. T. E. Francis, Brookline.....		50 "	Dr. B. B. Chandler, Hyde Park.....	62 "

We desire to add to our Golden Roll of Honor the names of all customers qualified by time to be included, and solicit their correspondence.

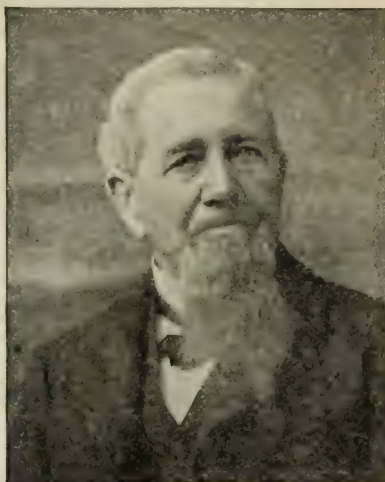
*Deceased.

GOLDEN ROLL OF HONOR

13



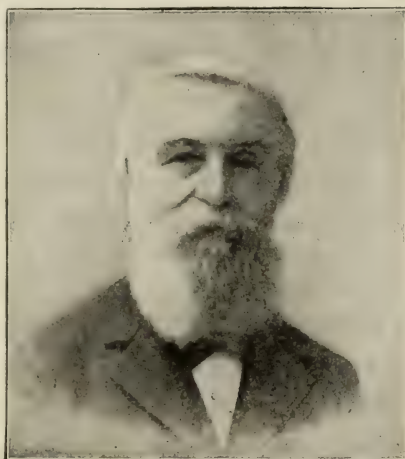
MR. J. O. WILCOX.
A customer from 1839 to 1892.



MR. E. D. WILCOX, Newtonville.
A customer for 50 years.

Two Generations.
Have been
customers for
63 years.

1820



CHARLES HENRY BASS BRECK.

1900

MR. WILLIAM NISBET.
A customer from 1845 to 1886.

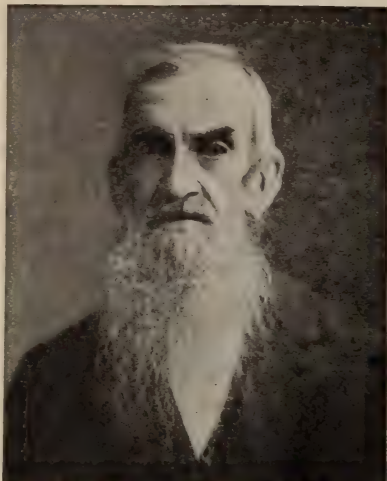
MR. JAMES NISBET, Pawtucket, R. I.
A customer for 44 years.



Two Generations.
Have been
customers for
57 years.

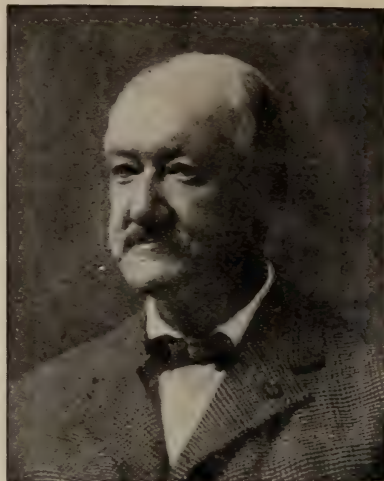


GOLDEN ROLL OF HONOR



MR. SAM'L TUFTS,
Woburn.

A customer for 60 years.



MAJOR STEPHEN CABOT,
Andover, Me.

A customer for 52 years.

Brookline Dec 23/01

Joseph Brock & Sons Corp.

Dear Sir

*I have your favor of
21st and I take pleasure
in stating that my first
purchases from your old firm
were made in 1849 when
I resided in West Roxbury.*

*Since that time I have had
many dealings with your firm
and give willing testimony
to the excellence of all articles
that I have purchased from
you and the fair treatment
I have always met with at
your hands.*

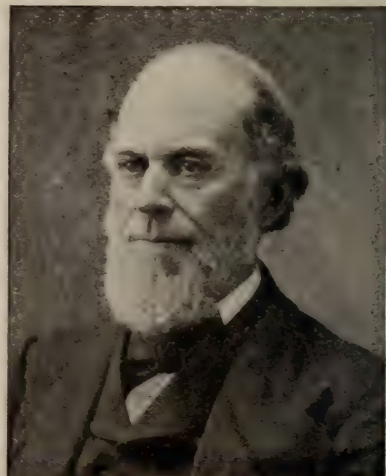
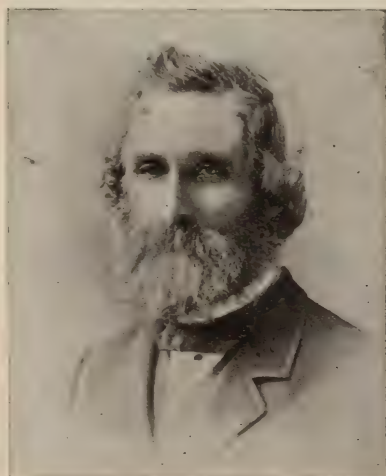
*Yours Resp
Stephen Cabot*

MR. H. A. TURNER,
Norwell.

A customer for 50 years.

MR. H. A. BALL,
Newton.

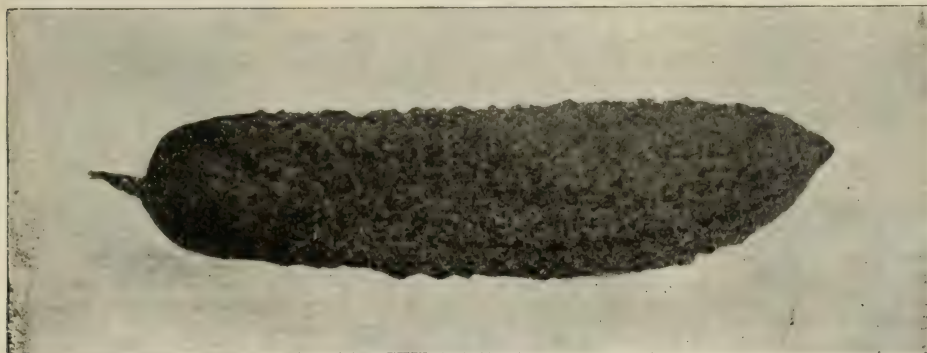
A customer for 45 years.



Novelties AND Specialties

1902

Cumberland Cucumber.



THE NEW CUMBERLAND is a very distinct thickly spined sort obtained by crossing the *Japanese Climbing* on the *Peerless White Spine*. It gets its wonderful prolificacy and vigor of growth from the first named parent and its beauty and uniformity from the latter. It was originated by Mr. C. P. Coy, the veteran seed grower. Mr. Coy says:

"The variety is of the hardy white spine type; is a rapid, strong and vigorous grower and very prolific in fruit.

"The pickles differ from all other hardy sorts in being thickly set with fine spines over the entire surface, except the extreme end; and during the whole period of growth, from the time they first set until fully grown, the form is exceptionally straight and symmetrical, thus being as choice as a slicing variety as it is for pickles."

The flesh is firm but very crisp and tender at all stages. We offer it in full confidence that it will prove to be

The Best Pickling Cucumber Known. Ounce, 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

Thoroughbred White Flint Field Corn.

The best White Flint Corn yet introduced. It is of such vigorous and spreading habit that not more than one kernel should be left in a hill. Its great suckering habit, breadth of blade and smallness of stalk recommend it as the most valuable both for fodder and ensilage, while it is equal to any of the Yellow Flint sorts in number, size and quality of ears. Qt., 20 cts.; bu., \$1.75.

The Houser Cabbage.

We introduced this cabbage last season and have since had many flattering reports as to its worth. The originator's claims for it are

First, Lateness. It is the latest of all large Cabbages, being at least two weeks later than any strain of the Late Flat Dutch type.

Second, Solidity. The *Houser Cabbage* cannot be excelled in this respect by even the Danish Ball-head. Very compact, each leaf well overlapping the head.

Third, Size. It is fully as large as any of the late varieties, the heads averaging from 10 to 12 pounds. Many specimens have been grown to weigh 18 to 20 pounds.

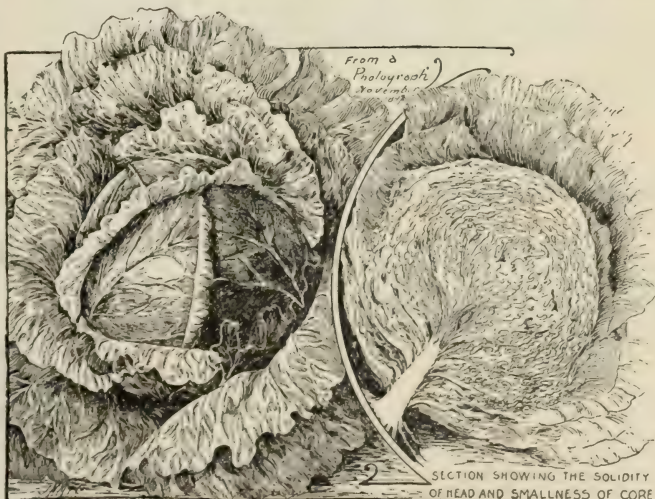
Fourth, Shape. The heads are round and deep through, and should any of the heads crack, it is always at the stem end, which does not destroy its use for market. The heart extends only 2 to 2 $\frac{1}{2}$ inches into head.

Fifth, Quality. The main feature of a good Cabbage is tenderness. In this respect *Houser surpasses all others*. It is free from that coarse rib always found in late Cabbages.

Sixth, Yield. By reason of the compact habit of growth of the *Houser Cabbage* and its freedom from loose leaves, fully 500 to 800 more heads can be set out to the acre than of any other good-sized varieties. Fully 95 per cent of these plants in an ordinary season will make good merchantable heads.

Pkt., 10 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50; lb., \$5.50.

See Special Offers on third -age of cover.



The Houser Cabbage.

Boston Market Celery.

There are a dozen or more strains of so-called Boston Market Celery offered to the public, but there is only one genuine and always satisfactory stock that retains the original type and quality. This we have grown especially for us from true selected plants by Messrs. Crosby Brothers, Arlington, Mass. Those who have been disappointed time and again may plant this with confidence. The seed is crop of 1900 and of extra strong vitality. Offered in sealed packages only.

Pkt., 10 cents ; oz., 40 cents ; 1-4 lb., \$1.25.

Breck's Christmas Celery.

This is undoubtedly the best winter Celery yet offered to the public. It grows to an immense size, has an extra large, solid heart, is very hardy, and without an equal as a keeper and shipper during winter. The flavor is everything that could be desired; the stalks are tender and almost entirely stringless.

Pkt., 10 cents ; oz., 50 cents ; 1-4 lb., \$1.50.

For complete list of Celerys see page 31.

Boston Crumpled Leaf Lettuce.

This lettuce is of unusual size and unsurpassed firmness for shipping. It forms a very solid head. The outside leaves are slightly crumpled and of a dark green in color that enables it to retain a fresh-cut appearance longer than any other sort. It is of delicious flavor and very tender. Although of great size it is a sure header and of extremely quick growth; heart decay hitherto has not affected it. The plants should not be set less than 8 inches apart, as they usually attain a size that packs three dozen to a barrel box.

Pkt., 10 cents ; oz., 40 cents ; 1-4 lb., \$1.25 ; lb., \$4.50.

Hittinger's Belmont Forcing Lettuce.

We have an unsurpassed strain of this *favorite Forcing Lettuce* grown especially for us by the most successful lettuce grower in the neighborhood of Boston. It is of quite large size, fine color, very firm and tender. It is a sure header and is not troubled with rot or disease.

Pkt., 10 cents ; oz., 40 cents ; 1-4 lb., \$1.25 ; lb., \$4.50.



Boston Market Celery.

Cambridge, Mass.

Last spring when ordering seed for the Kitchen Garden, I mentioned in particular "send me some nice variety of carrots, not for the stable but the home table." The seed came and the result is that I would not hesitate to recommend Breck's carrots to all who want a fine vegetable for table use. Our parsnips are immense in size and of fine quality. For thirty years I have purchased Breck's seeds of all kinds and I have never failed to obtain the best of results.

Very truly yours,

CHARLES S. CHILDS,

Supt. Cambridge Cemetery.

Coral Reef Cantaloupe Melon.

This Melon, which is of German origin, was introduced by us last year. A great many of our friends who planted it report that for flavor and sweetness Coral Reef surpasses anything they ever grew. We have also been told by some market gardeners who tried it that it will prove a desirable market sort.

A remarkably distinct Melon that will be well received because of its fine quality and great productiveness. The ground color of the skin is at first dark green changing to a deep orange-yellow as the fruit approaches maturity. The skin is dotted with knobs or warts of a whitish shade. It is quite early, being ready for the table in August. The fruit is freely borne and usually attains to a weight of about 15 pounds. The flesh is very thick, firm and greenish yellow in color, of delicious flavor, sweet, juicy and finely perfumed.

Pkt., 15 cts. ; 2 pkts., 25 cents.

For complete list of Melons see page 35.



Coral Reef Melon.

See Special Offers on third page of cover.

Claudit Pea.

We think it is scarcely possible to say too much in favor of this pea. It is not as large as Gradus or Thomas Laxton, but it is earlier, of as good quality and not nearly so likely to rot through early planting.

East Charlemont, July 8, 1901.

*Messrs. Joseph Breck & Sons, Corp.,
51 North Market St. Boston, Mass.*

*Gentlemen: The Claudit Pea was all you claimed for it.
Shall want ½ bu. next year.*

*Yours truly,
F. L. BUTLER.*

The statement we made regarding it last year is as follows:

We introduced this Pea last season, and printed the originator's description. The claims made for it were so bold that we felt if it met them but half way it would prove to be a genuine acquisition. A number of market and private growers were induced to give it a trial; all of them were more than satisfied with the results obtained. In our own trial grounds at Hingham we planted it alongside of such early sorts as Surprise, Alaska, and a fine strain of Extra Earlies. Claudit was in flower and pod as early as the first of these, and showed its superiority in not only producing a greater number of pods than any of them but twice the size of the largest. The seeds are large, deep green in color and slightly indented or wrinkled; they are produced 7 to 9 in a pod and are of delicious flavor and sweetness. The vine is of vigorous growth, about 2½ feet in height and very productive. This is in our opinion the *Ideal Early Pea*, because of its earliness, its large-sized pods, its fine quality and the fact that it is no more liable to rot through early planting than the Alaska is. We especially recommend it for both the market and home garden.

Pt., 20 cents; qt., 35 cents; pk., \$2.00.

For complete list of Peas see page 38.



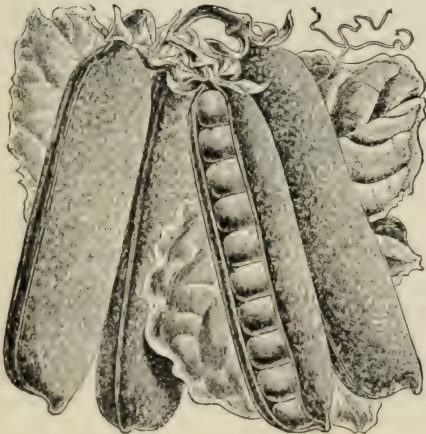
Claudit Pea.

Thomas Laxton Pea.

A desirable new English variety, described by the originators as follows:

This fine new early Pea was raised by crossing "Gradus" with a very early seedling of the "Earliest of All" type. It is a white seeded wrinkled marrow with a good constitution. In earliness it is within a day or two of "Earliest of All," but pods are quite double the size of "Ne Plus Ultra," rich dark green color, "Ne Plus" in shape, and contain on the average 7 to 8 very large marrow peas of the richest flavor. The height is from 3 to 3½ feet. Haulm dark green. As a first early we consider this is the finest early pea we have yet introduced and likely to supersede that fine early pea "Gradus," being earlier, hardier in constitution, and darker in color. It is a reliable market gardeners' as well as a private gardeners' pea. It has received an Award of Merit after trial at Chiswick, and has been reported on most favorably by growers of high repute.

Pt., 25 cts.; qt., 40 cts.; pk., \$3.00.



SPECIAL CROPS

for Ensilage, Forage and Plowing Under.

The farmers of New England hitherto have not paid sufficient attention to, or given the many new and valuable plants for these purposes anything like a fair trial, but have been satisfied to get along with the old-time fodder corn and Hungarian. We want every Agriculturist to plant, even if only in a small way, one or more of the sorts named in the following list this season. Larger crops of better quality and improved soil conditions will surely result. Full particulars as to prices, etc., will be found on pages 64 and 47.

Soya Beans.

These grow to a height of 2½ to 3 feet and have stiff stalks. The beans mature together, so can be cut down and thrashed afterwards. May be fed vines, stalks and all, or stock can be turned into field on them when matured. They are as valuable as a soil improver as clover.

When sown broadcast for forage and soil-improving crops, *Soya Beans* should be sown at the rate of one bushel per acre. Sowing them thickly will prevent the stalk from growing too coarse, and enable them to be cut and turned under to better advantage. Sowing for ensilage, it is better to sow in drills with the corn, at the rate of about eight quarts to the acre. Or they can be sown by themselves in drills 3 feet apart, at the rate of two pecks per acre, and cultivated. They will make their largest yield of beans put in this way.

See Special Offers on third page of cover.

Velvet Bean (Dolichos Multiflorus).

This new Bean is becoming very popular in the South and middle North. It is very prolific, vines running over 12 feet long; both vines and pods are eaten by all kinds of stock. An excellent fertilizing plant for plowing under. At the Experiment Stations it has given wonderful results as a fertilizer. Should be planted in rows about 4 feet apart and 1 foot apart in the row, putting 2 or 3 Beans in each place. The culture is the same as for Cow Peas.

Southern Cow Peas***Make Poor Land Rich.***

Green crops plowed under are one of the best and cheapest ways of improving the soil. For this purpose the Cow Pea is most popular, especially for medium or light soil. They should be sown in May or June, at the rate of 1 ½ bushels to the acre, and plowed under as soon as they have attained their full growth. While this crop is very largely grown wherever known, with the results attained from it the wonder is that it is not grown ten times as much as at present. There is no surer or cheaper means of improving poor soil than by sowing Cow Peas. In its capacity as a nitrogen gatherer its growth largely enables the farmer to dispense with the use of nitrogen or ammoniated fertilizers. Nitrogen or ammonia in commercial fertilizers is valued at fifteen cents per pound. The Cow Pea, to a greater extent than any other leguminous crop, with possibly the exception of the *New Velvet Bean*, has the power to extract nitrogen or ammonia from the atmosphere.

Dwarf Essex Rape.

Farmers of the United States are just beginning to find out what England has known for many years, that the Fodder Rape is the most valuable green feeding plant known, especially for sheep. Dwarf Essex Rape is easily grown and perfectly hardy, and possesses remarkable fattening properties. One acre will pasture thirty-six head two months, and lambs will make a gain of 8 to 12 pounds a month. **Pigs and cattle are also very fond of it.** The plant is a rank grower and should have heavy manuring as well as high cultivation. Any corn soil will grow Rape. Sow the seed by the end of June, and the crop can be ready to feed **at a season when it is most needed.** By sowing different pieces several weeks apart a continuous supply of good feed can be had. When sown in June the Rape will have to be fed during August, though if the first crop were cut about 4 inches from the ground, there would be a second growth that would be useful after that time. For the breeding flock a piece should be sown about the first week in July, with some even later, and the chances taken on its withstanding the drouth. It does well sown with oats. After the oats are cut the Rape grows rapidly. **From ½ acre there was cut 9¾ tons of green Rape,** or it yielded at the rate of **19 tons per acre.**

If the soil is rich and clean sow broadcast; if not so clean, sow in drills and cultivate as for corn. Rape is **especially adapted for a catch crop**, succeeding well when for any cause other crops have failed; as it, like turnip, makes its growth late in the season, can be sown on stubble, and will furnish excellent pasturage when much needed in the Fall.

Sand or Winter Vetch (Vicia Villosa).

Vicia Villosa succeeds and produces good crops on poor, sandy soils as well as on good land; grows to a height of 4 to 5 feet. It is perfectly hardy throughout the United States, remaining green all winter, and should be sown in the spring, mixed with oats, spring rye or barley; or during August and September, with winter rye, which serves as a support for the plants. It is the earliest crop for cutting, being hardier and nearly a month earlier than Scarlet Clover, and a full crop can be taken off the land in time for planting spring crops. Every dairyman and stock-breeder in the United States should have a field of it, and if you try it once you will never be a season without it. It is exceedingly nutritious, eaten with relish, and may be fed with safety to all kinds of stock.

Japanese Barnyard Millet.

This wonderful and valuable new forage plant, introduced from Japan a few years since, has proven an enormous yielder in all sections of the United States — hay and fodder of most excellent quality growing on any soil, yielding 12 to 20 tons per acre, and growing 6 to 8 feet in height. Cattle and horses eat it greedily. Sow in May and June broadcast.

Your seeds have always proved satisfactory, and I will with pleasure recommend your goods to all my friends.

Yours truly,

ALFRED R. CROSS,

Supt. Col. A. A. Pope's Estate,

Jerusalem Road, Nantasket, Mass.



Wheat and Winter (Sand) Vetch.

This mixture of a non-legume and a legume promises to be a very desirable spring green fodder. It has been planted for two years, and a third planting looked exceedingly well last autumn. The first planting — made in the late summer of 1898 — winter killed, owing in all probability to the fact that the seed was sown too early (August 1). The second year, 1899, the seeding took place August 25, and an excellent yield was secured the following spring. One and one-half bushels of wheat and one bushel of vetch were sown to the acre at one sowing, and covered with a wheel harrow. Cutting was begun May 31 just before the wheat began to head. The vetch began to blossom June 5. The yield was at the rate of 10 tons of green fodder to the acre, and cutting was continued for twelve days. The spring of 1900 was fully 10 days backward, and the rainfall quite deficient. Had the weather been as warm as usual and the precipitation normal, cutting would have begun earlier. If more of the fodder mixture has been produced than can be fed green the balance may be made into hay. The cost of the vetch seed is very high this season (\$5.50 to \$7.00 a bushel) due to the fact that in those sections where the seed is grown the drought was severe last year, and the crop was largely fed green. The usual price is one-third less. The vetch develops an abundance of root nodules, and must fix large quantities of atmospheric nitrogen. It has been found to be very digestible, and animals eat it freely.

Wheat itself when sown in early September at the rate of two bushels to the acre also makes a satisfactory spring green feed and is considered preferable to rye. If, however, it can be grown together with a leguminous crop, the nutritive value of the fodder mixture is decidedly enhanced. Land from which wheat or wheat and vetch have been removed can be immediately sown to corn, corn and beans or Hungarian grass.

Barnyard Millet and Peas.

Barnyard millet (*Panicum Crus Galli*) makes a desirable green feed for the first three weeks of August. This variety of millet is becoming quite generally known, and the seed can be purchased of the more prominent seedsmen. It is not in the writer's judgment as satisfactory a feed as corn, but it has its place among the desirable forage crops. The millet is a warm weather plant similar to corn. It will not stand dry weather as well as the former, is a heavy feeder and will do best upon a warm moist soil. It makes a very rapid growth when the temperature is high. If sown by itself, 14 quarts of seed are sufficient for one acre; when combined with peas eight quarts of millet and one and one-half bushels of peas are the quantities required. The first seeding may be made together with peas May 10 to 15. The peas should first be sown and harrowed in deeply and the millet covered more lightly with an Acme or other harrow. Should the weather prove cool during the latter part of May and early June the peas will grow more rapidly than the millet, but with the advent of a few warm days the latter will rapidly overcome the disadvantage. A second and even a third seeding of millet may be made (without peas) at intervals of 20 and 15 days respectively. The millet and peas will be ready to cut about August 1 and the other two sowings will follow, so that green feed may be secured from this crop during all of August if desired. Cutting should begin even before the millet begins to head and can be continued for 10 or 12 days. When the millet is well headed it becomes tough and animals are likely to refuse a considerable portion of the stems.— *From Bulletin No. 72, Mass. Agricultural College.*

Trade **ELECTRIC WORM ERADICATOR** Mark

for the instantaneous extermination of Worms of every sort.

The Golf Links superintendents who for years have been troubled with worms on their PUTTING GREENS will find this preparation effective, easily applied and cheap.

That hidden enemy, the *Cut Worm*, whose presence is only known by his destructive work, need no more be feared, as an application of the Electric Worm Eradicator along the line of plants that are attacked will effectually bring his labors to a close.

Ants are not driven away, but killed outright by one or two applications to their hills.

It can be satisfactorily employed against *Caterpillars, Flies, Red Spider, Green Fly, Mealy Bug* and insects generally that affect Trees, Shrubs, Flowers, etc., whether grown outdoors or in the greenhouse.

It is used diluted with water at the rate of one gallon of the Eradicator to 120 gallons of water.

Full directions for use with each package.

Per bottle, 50 cts. ; \$1.00 and \$3.00 each, net.



Lehman's Carriage Heaters.

The use of Lehman's Carriage Heaters and Coal is no longer an experiment. Their practicability and usefulness have long since been demonstrated. The fact that 125,000 Heaters are in actual use, with an average yearly sale of 10,000 Heaters and ½ million pieces of Coal, speaks more for their merits than thousands of testimonials.

Lehman's Heater (except No. 10) is a metallic case 7¼ inches wide, 3½ inches deep, and from 14 to 20 inches in length. The top is oval, giving the feet a comfortable resting place. These Heaters, which are covered with carpet coverings, have a lining of asbestos cloth between the carpet and the heater, making it perfectly safe from scorching. The No. 10 Heater is especially adapted to vans and large delivery wagons where an unusual amount of heat is required.

The No. 3 and 4 Heaters are our standard Heaters, which we specially recommend, as they are packed with a special composition which retains the heat and makes them more durable.

Not subject to either of our Special Offers.

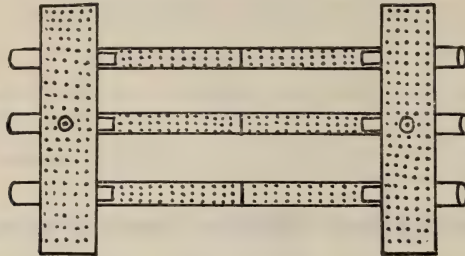
No. 4 Plain	each, \$4.75	No. 7 Plain	each, \$4.00
" 5 "	" 2.75	" 10 "	" 7.25
" 6 "	" 2.25		
Coal, full size brick, 12 pieces in a box			per box, .75
" 100 pieces in a box, cut in thirds			" 6.00

See Special Offers on third page of cover.

Cartter's Rapid Sterilizer

And

Sub-soil and Surface Irrigator



PATENTED.

The above illustration represents one portion of the machine.

There are certain diseases characteristic of greenhouse plants which thrive in the soil and attack the plants near the surface of the ground or in the roots. At the present time there is no method known which can be employed successfully in eradicating these diseases except by the so-called process of sterilization or heating the soil. Fumigation by gases or the application of chemical substances to the soil cannot be employed successfully. Cartter's Rapid Sterilizer, Sub-Soil and Surface Irrigator will sterilize 1,000 cubic feet of soil at a temperature of 210 degrees F., at a cost of \$1.50: this includes placing machine in position, fuel and labor. It is one of the finest machines for irrigation known, as it distributes the water evenly on the land where placed. It is portable and in sections, the weight of no section exceeding 4 lbs. Can be used in any length or width desired. Four machines will sterilize in one day a hot house 300 ft. long, 50 ft. wide, producing a temperature of 210 degrees F. to the depth of 1 ft. This method is applicable to the following diseases: The Drop and Rhizoctonia in lettuce, the Timber Rot in cucumbers; and the Stem Rot of carnations, parsley and watercress. There are probably other fungus diseases which can be successfully treated by this method. It succeeds in ridding the soil of many noxious insects, such as red spider, aphids, etc. It is also applicable to the menatode or eel worm disease of the cucumber, tomato, rose, violet, cyclamen, and many other greenhouse plants. The efficient manner in which weed seeds are destroyed by heating the soil has in itself demonstrated the practicability of soil sterilization. It is well established that sterilization of the soil gives rise to decidedly beneficial effect upon the growth and development of plants, aside from any consideration of disease. The reason of this is that humus compounds are rendered more available, and for this reason the sterilization method would probably be of value in the cultivation of such crops as mushrooms. Many gardeners have found this effect alone worth the cost of sterilization. The chief drawback to the application of this treatment has been heretofore in the difficulty and expense of applying steam to the soil in an effective and economical manner. Tobacco growers are using the Rapid Sterilizer in their propagating beds to destroy weed seeds and angworms, which raise havoc with the young plants. It also warms the soil, insuring the plants a quick start. It has been used with marked success by some of the most extensive market gardeners and florists in this country.

TESTIMONIALS.

Amherst, Mass., Feb. 15, 1901.

The apparatus devised by Mr. R. W. Cartter for sterilizing the soil by means of steam is in our opinion the most effective and economical device for applying this mode of treatment which has been thus far produced. We have seen the apparatus in operation, and find that it accomplishes results which greatly surpass in convenience and economy those obtained by the use of tile or perforated steam pipe. By comparison with our results and observations (see bulletins No. 55 and 69) we believe that this apparatus, even with the use of a low pressure of steam, is more effective than the same area of tile. Comparisons with the best methods of tile sterilization have shown that this apparatus is from eight to twelve times more rapid and at least eight times less expensive. The lightness and convenience in handling this apparatus are also of great importance.

PROF. G. E. STONE,
PROF. R. E. SMITH.

Cromwell, Conn., Aug. 3, 1901.

Dear Sir.—

We have been using the two machines received from you and think the idea an excellent one.

Very respectfully, A. N. PIERSON.

Size of Sterilizer 17x8 Feet. Price, \$50.00 Net.

Any Special Size Made to Order.

See Special Offers on third page of cover.



Bees and Bee-Keepers' Supplies.

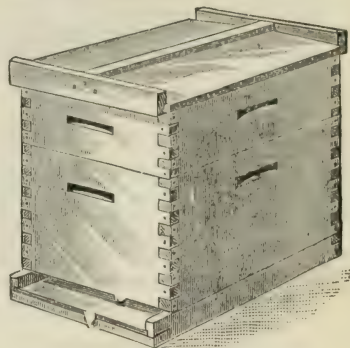
Having many calls from Market Gardeners, owners of Greenhouses, and Bee-Keepers, for articles in the Bee Supply line, we have made arrangements with a reliable apiarist to furnish full Swarms of Italian Bees, on Movable Frames, in Brood Chamber, all ready to be hived. By this method they can be examined at any time. Price upon application. We also have in stock Bee Hives, Section Boxes, Smokers, Brood and Section Foundation, Bee Veils, Rubber Gloves and many other articles necessary to the successful Bee-Keeper.

The Dovetailed (or Lock-Corner) Hive.

The particular feature of the Hive, and hence its suggestive name is the dovetailing. Unlike the old-fashioned lap, miter, or halving plan, it will not gap or pull loose, but will successfully resist all climates. This Hive is fitted with Danzentaker bottom board and cover. As we ship, it is fitted complete with starters in Brood Chamber and Section Boxes. We have in stock but one size, the eight frame. All Hives set up ready for use. Net price, each, \$3.00.

Section Honey-Boxes.

Section Boxes, each, 1 cent; per 100, 75 cents; per 250, \$1.25; per 500, \$2.00. Our No. 1 Sections are made of the choicest white basswood lumber, and are all perfect in finish, and free from defects. They are not all snow white, but vary from that to a light cream color. Choice honey shows off to best advantage in a section not too white, as it is the honey rather than the wood that the consumer looks at.

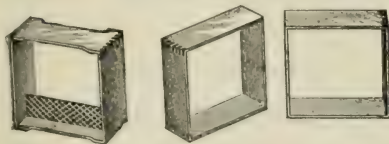


Dovetailed (or Lock-Corner) Hive.

Bingham Smoker.

This is strong, well made, does not clog up and burns any fuel. It has recently been improved by the addition of a curved snout to prevent fire dropping, and a safety attachment to prevent burning the fingers in removing the hot cone for replenishing. They have wide shields; have wire handle to cone, and inverted bellows. Our experience has shown it to be the most desirable. Large $2\frac{1}{2}$ in., each, 70 cents., by mail, 90 cents.

Bee Supplies not included in Special Offers on third page of cover. We shall be pleased to quote prices on Bee Supplies not listed above.



Section Honey-Boxes.

JOSEPH BRECK & SONS' PUBLICATIONS.

(CORPORATION)

We publish the following, and gladly mail any of them free on application.

Annual Catalogue and Gardener's Guide, published in January.

Holland Bulbs and Plants, published in September.

Market Gardener's Catalogue, published in February.

(For those who grow for market.)

The Lawn, The Garden. (Sixth Edition.)

New Method Sweet Pea Culture.

Success with House Plants.

Points for Poultry Raisers. A *vade mecum* for all interested in poultry. Ninth edition revised and enlarged.

The Most Complete and Best Illustrated Catalogue of Agricultural Hardware, Implements, Machines and Woodenware

In the United States or the world is published by us. It contains about three hundred and eighty-four large pages ($8\frac{1}{4} \times 11\frac{1}{4}$), nearly fifteen hundred illustrations, and is, in fact, the result of our experience covering a period of over 75 years.

The following brief synopsis will serve to show its value as an "Encyclopedia of Everything for the Farm, Garden, Lawn and Household."

CONTENTS.

Improved Farm Machinery, Spraying Appliances, Dairy Supplies,
Hoes, Forks, Rakes, Etc., Barn and Stable Supplies, Lawn Supplies,
Farm, Garden and Greenhouse Requisites, Haying Tools of every description,
Household Goods, Ensilage Machinery, Shovels, Spades and Scoops,
Contractors' Supplies, Saws, Axes, Hammers, Hatchets, Cider Machinery,
Handles of all kinds, Chains for all purposes, Root Cutters, Poultry Supplies,
Incubators and Brooders, W. T. Wood & Co.'s Celebrated Ice Tools,
Improved Maple Sugar Supplies, Self-Steering Sleds,
Woodenware, a complete line, Etc., Etc., Etc.

Will be sent free, on request, to all who send us an order from this book, and to others on receipt of 15 cents to cover transportation.

See Special Offers on third page of cover.

Breck's

Bureau of Registry and Information

SUPPLIES THROUGH ITS

Horticultural and Agricultural Department

APPROVED

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Farm Managers
Coachmen

**No charge is made patrons
for our services in this de-
partment. See 2d page of
cover.**

Superintendents for
Country Estates,
Public Institutions, Etc.
Men for General Work on
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APPROVED

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Cashiers,
Stenographers,
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Clerks, Shippers,
Entry Clerks,
Porters, Watchmen,
Janitors, Hotel Help, Boys,
Engineers,
Firemen, Etc.
Help for Institutions and Hospitals.

AND THROUGH ITS

WOMEN'S MERCANTILE DEPARTMENT,

Supplies Approved Women Bookkeepers, Cashiers,
Stenographers, Saleswomen, Young Women for
Office Work, Matrons, Nurses, Etc. ❀ ❀ ❀ ❀

When this Bureau was established in 1890 our purpose was to secure to employers a better class of help than they had been obtaining.

How well we have succeeded is shown by the rapid growth of this Department of our business, and the many voluntary statements received concerning its convenience and the high grade of employees furnished.

We mail free on application circulars descriptive of our Bureau, and blank forms whereon employers can state particulars necessary to guide us in selecting suitable employees.

Our Bureau of Registry and Information has certainly improved and elevated the service and we believe it will continue to do so, besides supplying a long-felt want.

Through our large clientage we can serve both employer and employee more promptly and satisfactorily than can any house not having our resources.

The knowledge gained through experience is at the service of employers who desire our aid or advice in the selection of suitable persons for the places they wish to fill.

Bear in mind that no person is sent out from this office whose previous record for character and habits has not been carefully investigated and approved.

We take this opportunity to thank our customers for the business given us and to assure them that our Bureau was never so well prepared to serve them as now; those who have not as yet patronized it are invited to do so, and give us an opportunity to practically demonstrate the benefits to be derived from its use.

Yours respectfully,

Entrance at the "Big Clock,"
47 to 54 North Market Street,
Also Entrances at 46 Merchants Row
and 21 1-2 North Street,
BOSTON, MASS.

Joseph T. Breck
(INCORPORATION.)

VEGETABLES.



This List Embraces Only Really Standard Varieties

that will under ordinarily favorable conditions **give planters perfect satisfaction. All are grown from selected seed stocks**, and are, we believe, the best of their respective classes. **We guarantee vitality.** (See page 8.)

In buying most commodities it is possible to determine their quality and value by examination; therefore in many cases the seller's experience, integrity and reputation need not necessarily count for much. This rule, however, does not apply in the seed business, for although one may readily be able to judge as to whether certain samples are free from admixture of foul or weed seeds, are of new crop, well matured, etc., this knowledge does not cover the assurance planters desire when buying. In order that a profitable crop may be raised, in addition to satisfactory texture of soil, sufficient manure or plant food, skilled sowing and cultivation, and proper weather conditions, seed that has been grown in localities which ensure perfect development, and selected through a series of generations to obtain only the best types, are also necessary. It is needless to say that this class is neither the most abundant nor cheapest on the market. In fact it is rarely found at all except in the hands of the trained seedsmen, who realize the responsibility of their business and endeavor to protect their customers accordingly.

THIS IS OUR SEVENTY-NINTH ANNUAL CATALOGUE. We believe our knowledge and reputation acquired through all these years is of value. We have built up through experience and integrity a business that in this country stands second to none in reliability and only one or two in volume. Our Golden Roll of Honor shows that we are both able and willing to satisfactorily serve the gardening and farming public, else we would not be privileged to retain these gentlemen as customers for such periods of years. We always consider our goods our best recommendation; and they continually bring us new patrons. If you have not had experience with our goods, or methods of doing business, surely some of your neighbors can tell you of them. If you desire "*the best*," inquire, and if results warrant it, send us a trial order, and you will be satisfied.

NOTE. — Prices may vary as the season advances. Ours will always be as low as the lowest for goods of equal quality.

 Please see Special Offers on third page of cover.

ARTICHOKE.

German, *Artischoke*. — French, *Artichaut*. — Spanish, *Alcachofa*.

Culture. — A rich sandy loam is desirable, but any soil made fine by deep culture, and enriched with plenty of well rotted manure, will answer. Sow seed in hot-bed early in spring, in rows six inches apart; transplant when large enough into boxes or pots. After danger of frosts is past plant in the open ground, two feet between the plants and three feet between the rows.

This method of cultivation will produce heads for culinary purposes by September. Seed may, if desired, be sown in the open ground in May, but the little tender plants should be given protection until the cold weather of spring has passed.

Plants raised from seed sown outdoors will not give edible heads until the second summer. *One ounce of seed will sow 30 ft. of drill.*

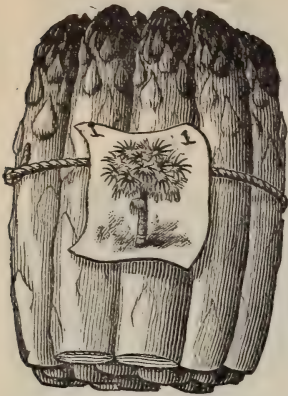
Large Green Globe. The best and most popular sort. Pkt., \$0.05 oz., \$0.25 $\frac{1}{4}$ lb., \$1.00
Early Purple, or Violet. " " " .10 " .35 " 1.10

Jerusalem Artichoke.

A species of sunflower (*Helianthus tuberosus*). A tuber that thrives well upon light dry soil and is cultivated for feeding sheep and swine. It is also used for pickles. The tops when cut and cured make an excellent dry fodder. It is propagated by tubers, which should be set in rows four to five feet apart and one foot apart in the rows. Three bushels are required to plant an acre. Qt., 25 cents; pk., \$1.25 net.

See Special Offers on third page of cover.





Asparagus.

German, *Sparget*.—French, *Asperge*.—Spanish, *Esparragos*.

(For price on Asparagus Roots, see Vegetable Plants.)

An asparagus bed may be made from one or two year old roots, planted in October, or during April and May. The bed should be made very rich with well-rotted manure, and thoroughly worked over to a depth of nearly two feet. Plant the roots in rows four feet apart, leaving about 12 inches between the plants in the row. Lay the roots flat in trenches, spreading them well, and using care to have all the crowns placed in the same direction. Cover lightly at first, gradually filling the trenches as the plants grow. Every fall a liberal dressing of coarse manure should be spread after the tops have been cut, and in the spring forked in. The second season after planting the bed may be cut two or three times. Do not cut too closely, as the roots require the benefit of some foliage. Seed may be sown in April in drills one inch deep and one foot apart. *One ounce of seed will sow 60 feet of drill.*

	Pkt.	Oz.	1/4lb.
Conover's Colossal. Large, excellent and hardy	\$0.05	\$0.10	\$0.20
Hub. The most approved and best sort for New England	.05	.10	.25
Moore's Giant Purple Top. Large and prolific	.05	.10	.25
Mammoth White. Pure white stalks	.05	.10	.25
Palmetto. A very desirable light green sort	.05	.10	.25

Beans—English.

German, *Grosse Bohnen*.—French, *Fève de Marais*.—Spanish, *Haba*.

Plant as early in spring as the ground can be worked. The rows should be three feet apart; set the seed in the rows six inches deep, four inches apart. As the pods get formed, top the plants, thereby preventing too much running to vine.

Broad Windsor. The best variety for general use. Pkt., 10 cents; qt., 30 cents; pk., \$1.75.

Beans—Dwarf or Bush.

German, *Bohne*.—French, *Haricot*.—Spanish, *Frijorenano*.

To afford a regular succession of crops throughout the season, plant every two weeks, from about the beginning of May to the end of summer; but not until the soil becomes warm, as they are very sensitive to cold. Plant in rows 18 inches apart, two inches deep; cultivate frequently, but only when dry, as the scattering of earth on the foliage or pods, when moist, will cause them to become damaged with rust. *One quart will plant 100 feet of drill.*

Green-Podded Varieties.



Long Yellow Six Weeks.

	Pkt.	Qt.	Pk.
Breck's String and Shell. Excellent, when space can be given to one variety only, choose this sort	\$0.10	\$0.25	\$1.50
Burpee's Stringless. Extra early, very prolific, quite stringless	.10	.30	1.75
Burlingame Medium. A favorite for "Boston Baked Beans"	.10	.25	1.50
Best of All. Early, round fleshy pods	.10	.30	1.25
Dwarf Horticultural. A superior shell bean, medium early	.10	.25	1.75
Early China. Early, a continuous and productive bearer	.10	.25	1.50
Early Mohawk. Large flat pods, a fine early	.10	.25	1.50
Early Red Valentine. One of the earliest and best, pods round	.10	.25	1.50
Long Yellow Six Weeks. The leading market sort, flat pods	.10	.25	1.50
Low's Champion. Large, green, flat, stringless pods	.10	.30	1.75
Prolific Tree Pea Bean. A fine variety for baking	.10	.25	1.25
Red Cranberry. A favorite snap and shell bean	.10	.30	1.75
Refugee. Thorburn's extra early, of superior quality and two weeks earlier than the old sort	.10	.25	1.50
Refugee. Late or 1000 to 1. Very productive, round pods, largely grown for pickling	.10	.25	1.50
Round Yellow Six Weeks, or Yellow Cranberry. Good either as a snap or shell bean	.10	.25	1.50
Thorburn's Prolific Market. Enormously productive, the long, round, fleshy pods are borne in clusters	.10	.30	2.00
Turtle Soup. The small black bean used in soups	.10	.25	1.50
The Warren. An improved <i>Cranberry</i> , pods round, fleshy, and tender	.10	.30	1.75
White Marrow. Used generally as a winter bean	.10	.25	1.25
Wonder of France, Green Flageolet, long tender pods	.10	.30	1.75
Yellow Eye Improved. A profitable bean for field culture	.10	.25	1.25

See Special Offers on third page of cover.

Dwarf or Bush Limas.

	Pkt.	Qt.	Pk.
Burpee's. A true bush form of the large lima; 18 to 20 inches high, an immense cropper	\$0.10	\$0.30	\$2.00
Dreer's. A bush form of <i>Dreer's Lima Pole</i> , possessing all the good qualities of that sort	.10	.30	2.00
Henderson's. A bush <i>Sieva</i> , a continuous cropper, fine for the home garden	.10	.25	1.75



Henderson's Dwarf Lima.

	Pkt.	Qt.	Pk.
Black Wax, Improved Prolific. Very early, round, thick pods	\$0.10	\$0.30	\$1.75
Black Wax, Challenge. An extra early strain, excellent	.10	.30	1.75
Black Wax, Saddle-back. Very meaty and absolutely stringless	.10	.30	1.75
Black Wax, Curries Rust Proof. Flat pods, early and productive	.10	.30	1.75
Black Wax, Yosemite. Very large meaty pod, late	.10	.40	2.50
Davis's Kidney Wax. The best white seeded wax bean	.10	.30	1.75
Golden Wax, Improved Rust Proof. Early, long, round, stringless pods	.10	.30	1.50
	.10	.30	1.75
	.10	.30	1.75
	.10	.30	1.75
	.10	.30	1.75
	.10	.30	2.00
	.10	.30	2.00



Prolific Black Wax.

Golden Eye Wax. Hardy and prolific, flat pods, almost rustless
Lima Pod Wax. Large lima-like wax pod, very desirable
Refugee Wax. A great yielder, long, round golden pods
Valentine Wax. The earliest wax variety, productive and good
Wardwell's Kidney Wax. Early, long, flat wax pods, very fine
White Wax. An old favorite, flat, white, fleshy pods

Beans — Pole or Running.

German, *Stangen Bohne*. — French, *Haricots a Rames*. — Spanish, *Jidas*.

It is desirable to make the planting of Pole Beans at least a week later than the first planting of the bush sorts, as they are more tender. Plant in hills three to four feet apart, putting four or five beans in a hill, and leaving space in the centre for the pole. A liberal quantity of well-composted manure in each hill is of value.

One quart of limas will plant 100 hills. One quart of the smaller seeded sorts about 200 hills.

Green-Podded Varieties.

	Pkt.	Qt.	Pk.
Brockton. Large crimson streaked pods, productive and good	\$0.10	\$0.30	\$2.00
Carmin Podded Horticultural. Also called <i>Columbia</i> , <i>Hampden</i> and <i>Worcester</i> . The best Horticultural Pole Bean in existence. It is early, and produces an immense number of large, highly-colored pods	.10	.30	2.00
Dutch Case Knife. Long, green flat pods, used as snap and shell	.10	.30	1.75
Horticultural, or Speckled Cranberry. Of excellent quality, a great favorite	.10	.30	1.75
Kentucky Wonder, or Old Homestead. A very prolific, long green podded sort	.10	.30	2.00
Lima, Large White. An old, much esteemed variety	.10	.30	2.00
" Dreer's or Challenger. Round, very thick beans, productive	.10	.30	2.00
" King of Garden. Large and very fine	.10	.35	2.25
" Sieva or Small Lima. Earlier and hardier than the large lima	.10	.30	2.00
Red Cranberry. Large, tender, stringless pods, very productive	.10	.30	1.75
Scarlet Runner, Ornamental. The pods are fleshy, tender and sweet	.10	.35	2.00
White Dutch Runner. Same habit and qualities as the <i>Scarlet Runner</i>	.10	.35	2.00

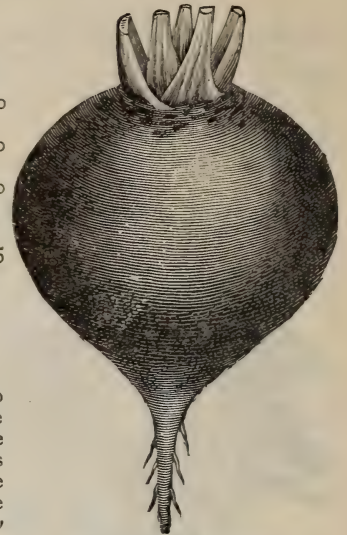


Carmine Podded Horticultural.

See Special Offers on third page of cover.

Beans, Pole—Continued.**Wax-Podded Varieties.**

	Pkt.	Qt.	Pk.
Flageolet Wax. Large, yellow, stringless pods, medium early	\$0.10	\$0.40	\$2.50
Golden Butter , or Mont d'Or. Earliest of the wax pole sorts	.10	.40	2.50
Golden Cluster. Very large and tender, golden pods, early	.10	.40	2.50
Indian Chief , or Black Wax. The most popular wax pole bean	.10	.35	2.25

**Breck's Beats—All Beet.****BEEET.**

German, *Runkel Rube*.—French, *Betterave*.—Spanish, *Beteraga*.

Sow from April to beginning of July, in deep rich sandy loam, one inch deep, in drills about one foot apart. Thin the young plants to the distance of six or eight inches, and fill up any vacant places with those taken out. The turnip rooted are the earliest, and are of fine quality. When young, the leaves make excellent greens. *One ounce will sow 50 feet of drill, 5 to 6 lbs. per acre.*

	Pkt.	Oz.	Lb.
Breck's Beats All. Superior in all respects to others as an early or main crop variety	\$0.05	\$0.10	\$0.75
Columbia. Round and smooth, deep red flesh	.05	.10	.60
Crosby's Egyptian. As early as the original type, but thicker, smoother, and of better quality	.05	.10	.75
Crimson Globe. Globe shape, flesh deep purplish red	.05	.10	.75
Detroit Dark Red. Quite round, skin very dark, flesh bright red	.05	.10	.75
Dewing's Early Blood. A standard variety of excellent quality	.05	.10	.50
Early Arlington. Early, deep round form, blood red color	.05	.10	.75
Early Bassano. The earliest of all; flesh almost white	.05	.10	.50
Early Bastian. A quick, large-growing sort, of good color	.05	.10	.50
Eclipse. Very early, dark-red color, small top, smooth roots	.05	.10	.60
Edmand's Early Turnip. One of the best in shape, color, size, and quality	.05	.10	.60
Egyptian. An early, good color, smooth turnip beet	.05	.10	.50
Long Smooth Blood Red. An excellent late variety	.05	.10	.60
Perpetual Spinach. A giant <i>Swiss Chard</i> . The leaves are very large and ornamental	.10	.15	1.00
Swiss Chard, or Sea-Kale Beet. This variety is cultivated solely for its leaves. The mid-rib is stewed and served as Asparagus, the other portion of the leaves being used as spinach	.05	.10	.60
Beet. For greens	.05	.10	.35

Mangel-Wurzel and Sugar Beets.

Sow in May or June in rows 18 inches to 2 feet apart and thin to 8 inches in the row. The value of these for stock-feeding cannot be over-estimated; for sheep, dairy-stock, and fattening of cattle, experience has proved the Mangel-Wurzel to be at once healthful, nutritious, and economical. *One ounce will sow 50 feet drill, 6 to 8 pounds per acre.*

	Pkt.	Oz.	Lb.
Breck's Mammoth Long Red. A selection of the long red variety. It is smooth skinned, fine grained, and a heavier cropper. We consider it superior to all others	\$0.05	\$0.10	\$0.35
Gatepost. The characteristics of this desirable variety are small top, tap root, heavy cropper, color pale orange	.05	.10	.35
Golden Tankard. A half-long variety of a bright yellow color	.05	.10	.35
Kinver Yellow Globe. Large globular formed roots. Adapted for growing in shallow soils	.05	.10	.35
Long Yellow. Differs from long red only in color	.05	.10	.35
Norbiton Giant. Long Red, a valuable variety	.05	.10	.35
Red Globe. Similar to Yellow Globe, except in color	.05	.10	.35
Breck's Imperial Sugar. An improved American-grown French Sugar Beet	.05	.10	.35
Klein-Wanzleben Sugar Beet. Unsurpassed for the production of sugar or for cattle feeding	.05	.10	.35
Lane's Improved Sugar Beet. A well-known variety, valuable for feeding to cattle	.05	.10	.35

**Long Yellow Mangel.**

See Special Offers on third page of cover.

Borage.

The young leaves of this annual are used as a salad, or boiled like spinach. Sow in the spring, in light soil, and thin out to 8 inches apart. The flowers are a pretty blue and afford excellent food for bees throughout a long season. Borage, pkt., 5 cents; oz., 20 cents.

Borecole or Kale.

German, *Blatterkohl*.—French, *Chou Vert*.—Spanish, *Brcton*.

Sow early in the spring in prepared beds, covering the seeds thinly and evenly; transplant in June, and treat in the same manner as for cabbage. They are extremely hardy, and will endure quite a low temperature. The Siberian variety is also sown in September for early greens. One ounce will sow 150 feet drill.

Dwarf Green Curled Scotch. Leaves of a bright green and very tender and closely curled. The quality is improved if the plants are touched by frost before being used. Pkt., 5 cents; oz., 10 cents; lb., \$1.00.

Dwarf Brown. Similar to the preceding, but of darker color, very hardy. Pkt., 5 cents; oz., 10 cents; lb., \$1.00.

Siberian or German Greens. Sow in fall for spring use. Pkt., 5 cents; oz., 10 cents; lb., 80 cents.

Tall Green Curled Scotch. Similar to the dwarf, but of more vigorous growth. Pkt., 5 cents; oz., 10 cents; lb., \$1.00.



Green Curled Scotch Kale.

Broccoli.

German, *Spargelkohl*.—French, *Chou Brocoli*.—Spanish, *Broculi*.

This vegetable closely resembles the cauliflower, but is hardier. Like cabbage and cauliflower, it succeeds best in deep, rich, moist soil and in cool weather. The seed should be sown at the same time and the plants receive the same general culture as cabbage. Broccoli completes its growth from seed in from 120 to 140 days; 5 to 10 degrees of frost will not injure the plants when they are approaching maturity, One ounce of seed will produce about 1,500 plants.

Early Purple Cape. Hardy, heads of medium size, and compact formation

Veitch's. Self-protecting, large, compact head

White Cape. Like Purple Cape, but of a creamy white color

Pkt. Oz. ¼lb.

\$0.10 \$0.35 \$1.25

.10 .35 1.25

.10 .35 1.25



Paris Market.

Brussels Sprouts.

German, *Sparsenkohl*.—French, *Chou de Bruxelles*.—Spanish, *Berza de Brusela*.

Species of the Cabbage family. It produces along the whole length of the stem small sprouts resembling miniature cabbages. These heads are a great delicacy boiled in the same way as cauliflower. Seed should be sown about the middle of May in a seed bed, and the plants afterwards set out in rows two feet apart and cultivated like cabbage. Being small and hard, the sprouts are not in the least affected by frost. One ounce of seed produces about 1,200 plants.

Dwarf Improved French. Of sturdy, compact growth. Pkt., 5 cents; oz., 20 cents; ¼ lb., 50 cents.

Improved Paris Market. A most desirable strain. Pkt., 5 cents; oz., 20 cents; ¼ lb., 60 cents.

CABBAGE.

German, *Kopfkohl*.—French, *Chou Pomme*.—Spanish, *Berza*.

(For price on Cabbage Plants, see Vegetable Plants.)

All the Cabbage tribe requires is the soil to be rich, deep, well-drained, and abundantly manured. For the early kinds, plant 30 inches between the rows and 16 inches between the plants. For the late kinds, three feet between the rows and two feet between the plants. For very early use, sow in January or February, in hot-beds. Set out when the plants are strong enough into other hot-beds, or set in cold-frames in March. Transplant when danger from frost is past to the open ground. For a succession, sow in the open ground last of March or early in April. The late or winter crop seed can be sown in May and the plants set out in July. Late plants are sometimes subject to attacks of the cabbage fly, which destroys them as fast as they appear above ground. To prevent this destruction, sprinkle the plants with wood ashes, air-slacked lime, plaster, slug-shot, or tobacco dust, when the plants are wet with dew.



See Special Offers on third page of cover.

**Cabbage — Continued.**

To destroy the green worm that attacks the leaves and head of cabbage, dissolve one ounce of saltpetre in three gallons of water and with a short handled whisk broom thoroughly sprinkle the plants with the solution. *One ounce of seed produces 2,500 plants.*

	Pkt.	Oz.	Lb.
All Seasons. One of the best for second early and late crops, very large and a sure header.	\$0.05	\$0.25	\$2.50
Danish Ball Head. An unsurpassed winter variety, heads round, large, very hard, tender and fine flavored.	.05	.30	2.50
Early Jersey Wakefield. Breck's Selected. A fine selection of this very early, medium sized market favorite.	.05	.30	3.00
Early Etampes. A fine extra early sort, with pointed heads.	-.05	.20	2.00
Early Winnigstadt. A medium early variety, with conical-shaped heads.	.05	.20	2.00
Early York. A standard English sort.	.05	.20	2.00
Fottler's Brunswick, Improved. A short stemmed early Drumhead, a general favorite.	.05	.25	2.50
Henderson's Early Summer. A superior second early, heads large and solid.	.05	.25	2.50
Marblehead Mammoth. The largest Drumhead variety.	.05	.25	2.50
Premium Drumhead. Breck's Selected. A standard main crop variety.	.05	.25	2.50
Premium Flat Dutch. Breck's Selected. A favorite winter variety for market.	.05	.20	2.00
Red Perfection. Breck's. Superior in size and quality to all other red sorts.	.05	.30	3.00
Red Dutch, or Pickling. Fine, solid, dark red heads.	.05	.25	2.50
Savoy. American Improved. Large, fine quality and excellent keeper.	.05	.30	3.00
English Curled, or Globe. Medium size and solid.	.05	.20	2.00
Stone-Mason. A very fine selection of the Drumhead type, nearly as early as Fottler's Brunswick, extremely solid.	.05	.30	2.50
Succession. Selected. Valuable second and late crop variety.	.05	.25	2.50

Gauliflower.

German, *Blumenkohl*. — French, *Chou-fleur*. — Spanish, *Coliflor*.

(For price on Cauliflower Plants, see Vegetable Plants.)

Cauliflower is the most delicate and delicious of the Cabbage family. For the production of the Cauliflower a rich, deep loam is required, a low moist situation being preferable. A liberal supply of water when possible produces very marked results. Seed of the very early variety should be sown in a hot-bed in February or March and set out by the end of April. For later supply, sow seed in May, choosing a cool, moist place. When large enough, transplant, making the rows about 2½ feet apart, and 18 inches between the plants. Transplanting should be done in damp weather. To destroy the Cauliflower-Maggot, try one ounce of sulphuret of potassium dissolved in one gallon of water. Heat the liquid to about 100 degrees, and apply a tablespoonful to the stalk of the plant just above the ground. *One ounce of seed produces about 2,500 plants.*



	Pkt.	Oz.	¼lb.
Breck's White Bouquet. This we believe is the earliest and most reliable cauliflower for New England. Since its introduction it has become an especial favorite with market gardeners.	\$0.25	\$3.50	\$12.00
Early Dwarf Danish. A variety of the Erfurt from Denmark. It matures evenly and is a reliable header.	.25	3.00	10.00
Earliest Dwarf Erfurt. A very choice strain of the well-known Erfurt cauliflower.	.25	3.00	12.00
Extra Early Paris. An old but still popular sort, medium size.	.10	.60	2.00
Early Snowball. A reliable early variety, grown largely for market.	.20	2.50	10.00
Early London. Large and hardy.	.10	.50	1.50
Lenormand's Short Stemmed. A large dwarf sort, desirable for main crop.	.10	.60	2.00
Veitch's Autumn Giant. A desirable large, late variety.	.10	.60	2.00

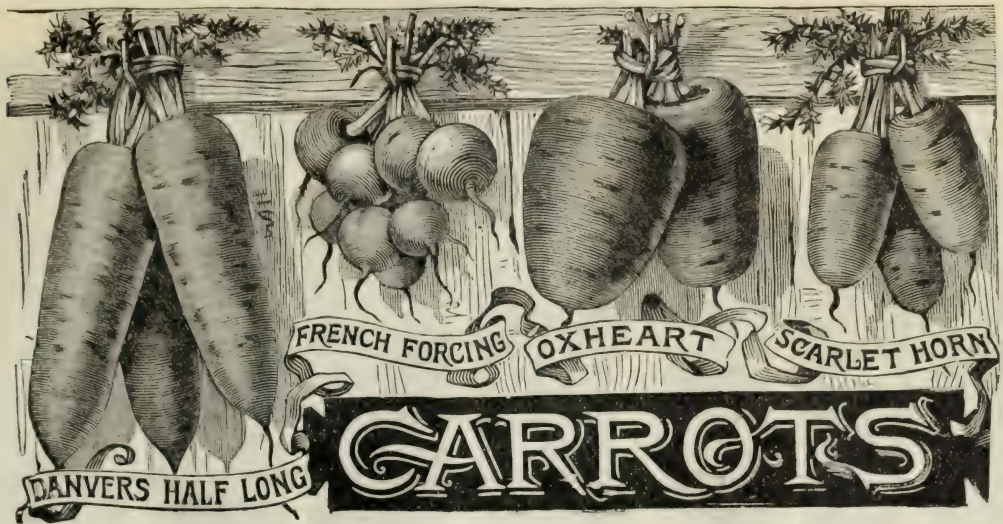
Chervil.

German, *Gartenkerbel*. — French, *Corfeuil*. — Spanish, *Cerafolio de Cafe*.

Chervil, Curled. An aromatic sweet herb that resembles parsley. The young leaves are used in soups and salads. Sow evenly, in May, in drills half inch deep, one foot apart. 5 cents per pkt.; 20 cents per oz.; \$2.00 per lb.

Chervil, Tuberous Rooted. Sow in May or June after treatment same as for carrots. 10 cents per pkt.; 25 cents per oz.; \$2.50 per lb.

See Special Offers on third page of cover.



German, *Mohre*. — French, *Carotte*. — Spanish, *Zanahoria*.

Carrots are grown largely both for feeding to stock and culinary purposes; the long varieties used for the former, the "Horn" and medium sorts for the latter. The "Horn" sorts can be grown on thin soil and are mostly for early use. The others prefer deep, sandy loam that was well manured the previous year for some other crop, such as potatoes or onions. Sow in April or May or for late crops for table use, up to the end of June, about one inch deep in drills 15 inches apart for garden sorts. The rows in field cultivation should be two feet apart. Thin out the plants from three to eight inches apart, according to variety. One ounce of seed is sufficient for 100 feet of drill, four pounds to an acre.

	Pkt.	Oz.	Lb.
Chantenay. A type of Danvers Half-Long, but earlier and smaller	\$0.05	\$0.10	\$1.00
Danvers Half-Long. The most desirable main crop variety; an excellent keeper . . . . .	.05	.10	1.00
Early Scarlet Forcing. Very early and valuable for forcing . . . . .	.05	.15	1.00
Early Scarlet Horn. A medium-sized, half-long variety of fine color . . . . .	.05	.10	1.00
Guerande, or Oxheart. Intermediate between half-long and Horn sorts . . . . .	.05	.10	1.00
Nantes Stump Root. A medium-size, medium-early table variety . . . . .	.05	.10	1.00
Large Yellow. A desirable variety for feeding to stock . . . . .	.05	.10	.75
Large White. The largest and most profitable for feeding to stock . . . . .	.05	.10	.75
Long Orange Improved. A large long-rooted variety, suitable for table or stock . . . . .	.05	.10	.80

Cardoon.

German, *Kardon*. — French, *Cardon*. — Spanish, *Cardo Hortense*.

Cardoon is grown for the midrib of the leaf, which requires to be blanched in the same manner as celery. Sow early in spring, where the plants are to remain, in drills three feet apart, and an inch and a half deep, and thin out the young plants to a foot apart in the drills.

	Pkt.	Oz.	Lb.
Large Smooth Spanish. Grows about 4 feet high	\$0.10	\$0.30	\$3.00

Chicory.

German, *Cichorie*. — French, *Chicoree*. — Spanish, *Achivoria de Cafe*.

Large Rooted. Sow and treat in the same manner as carrots. This is the chicory of commerce used to mix with coffee. The roots are taken up, washed, cut in small pieces and carefully dried before being used

	Pkt.	Oz.	1/4 lb.
Witloof. Sow in May or June in drills, thin out to six inches apart, treat as <i>Endive</i> until end of summer, when it should be banked up like celery. The blanched stalks are used as a salad. It is also used as a boiled vegetable dressed in the same way as cauliflower . . . . .	.05	.10	.35

Collards, or Colewortz.

German, *Blatterkohl*. — French, *Chou Cabu*. — Spanish, *Cabu*.

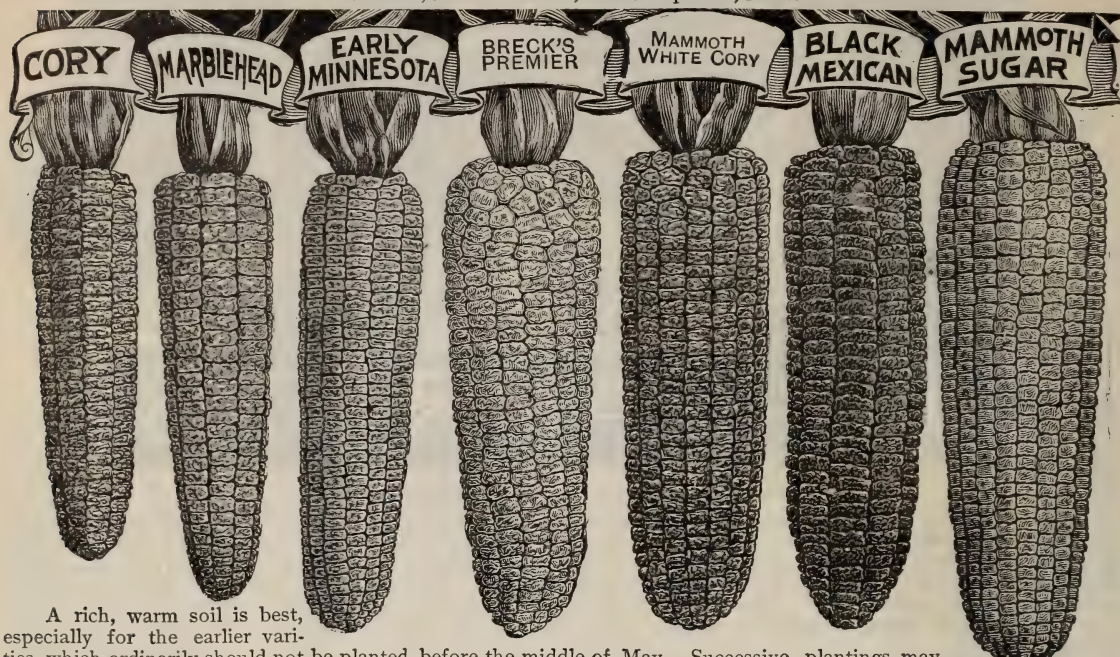
Sow seed, as for cabbage, in June, July and August for succession. Transplant when one month old into rows three feet apart and two feet apart in the rows. This vegetable is closely allied to the Cabbage family, used as greens; it is grown to a considerable extent in sandy sections, particularly in the South. One ounce of seed will produce about 3,000 plants.

Georgia. Per pkt., 5 cents; ounce, 10 cents; pound, \$1.00.

See Special Offers on third page of cover.



Large Rooted Chicory.

Corn.—Sweet.German, *Mais*.—French, *Mais*.—Spanish, *Maiz*.

A rich, warm soil is best, especially for the earlier varieties, which ordinarily should not be planted before the middle of May. Successive plantings may be made until July. Plant in hills three or four feet apart each way, according to the height of the variety. *One quart will plant about 200 hills.*

SELECTED EARS, ABOVE SORTS, FIVE CENTS EACH.

	Pkt.	Qt.	Pk.
Black Mexican. Said to be the sweetest corn in cultivation, medium early	\$0.10	\$0.25	\$1.25
Breck's Premier. Large, medium early, unequalled in quality	.10	.25	1.25
Breck's Zig-Zag. A main-crop sort, keeps longer in fit condition for table than any other variety	.10	.25	1.25
Country Gentleman. A larger and later Ne Plus Ultra type	.10	.25	1.25
Crosby. Josiah Crosby's strain	.10	.35	1.50
Early Crosby. Early and of excellent quality. An old favorite	.10	.25	1.25
Early Evergreen. Like Stowell's, but a week or ten days earlier	.10	.25	1.25
Early Maine. A fine extra early, pure white sort	.10	.25	1.25
Early Mammoth. Very large, medium late	.10	.25	1.00
Early Minnesota. Nearly as early as Cory, dwarf	.10	.25	1.25
Early Red Cory. A very early sort, with good-sized ears and large kernels, popular	.10	.25	1.25
Early White Cory. Differs from the preceding in color of cob	.10	.25	1.25
Egyptian. A very large, late variety, exceeding in sweet and superior	.10	.25	1.00
Hickox Improved. Large, handsome ears, white, superior flavor, late	.10	.25	1.25
Late Mammoth Sugar. Extra large ears, quality very fine, productive	.10	.25	1.00
Mammoth White Cory. As early as the other Cory, but with ears double the size	.10	.25	1.25
Moore's Concord. Medium early, large ears of unsurpassed quality	.10	.25	1.25
Perry's Hybrid. A large, early, favorite market sort	.10	.25	1.25
Potter's Excelsior. Perhaps the best and sweetest main-crop variety	.10	.25	1.25
Quincy Market. Larger ears and earlier than the common Crosby	.10	.25	1.50
Stowell's Evergreen. The standard late variety	.10	.25	1.00

Corn.—Field.*None of our special offers apply to field, fodder or pop corn.*

	Qt.	Pk.	Bu.
Angel of Midnight. The earliest and best yellow flint variety	\$0.15	\$0.50	\$1.50
Breck's Boston Market. Specially adapted for the purpose of ensilaging.	.15	.50	1.50
Blunt's Prolific. An early eight-rowed leafy dent variety	.15	.50	1.50
Early Sanford. A white flint variety, equally valuable for ensilage or grinding	.15	.50	1.50
Early Yellow Canada. Well-known early, eight-rowed flint variety	.15	.50	1.50
Evergreen Sweet Fodder. For cutting green and feeding to stock	.15	.50	1.50
Golden Beauty. A tall-growing leafy dent variety for ensilage	.15	.50	1.50
Leaming. A yellow dent variety, very valuable for ensilage	.15	.50	1.25
Longfellow. Eight-rowed yellow flint, long ears, with small cob	.15	.50	1.50
Mastadon. One of the best yellow dents for ensilage	.15	.50	1.50
Pre-Historic. The strongest growing sort we know	.15	.50	1.50
Pride of the North. Grown for ensilage or fodder	.15	.50	1.25
Red Cob Ensilage. An excellent fodder and ensilage sort	.15	.50	1.25
White Southern. Valuable for ensilage and fodder			1.25

Pop Corn, White Rice, and Eight-Rowed White. On the cob 10 cents per lb.

See Special Offers on third page of cover.

White Flint Field Corn

Corn Salad, or Fetticus.German, *Lammersalat*. — French, *Mache*. — Spanish, *Macka Valerianilla*.

Used as a salad. It is sown very early in spring, in rows one foot apart, and is fit for use in six or eight weeks. For early spring use sow in September, and winter in cold-frames, or cover with litter. *One ounce will sow 100 feet of drill.*

Large-Leaved. Per pkt., 5 cents; ounce, 10 cents; pound, \$1.00.

Celery.German, *Sellerie*. — French, *Celeri*. — Spanish, *Apio*.

(For price on Celery Plants, see Vegetable Plants.)

Sow seed the first or second week in April in hot-bed or cold-frame. As soon as the plants have attained a height of three inches, transplant in prepared border, setting them four inches apart. In order to secure "stocky" plants, cut off the tops once or twice before again transplanting into richly manured soil, in rows four feet apart, and from seven to nine inches plant to plant. Keep down all the weeds, and as fall approaches draw earth up to the plants, keeping the stalks well together. When well blanched it is ready for use. For winter use it is usually placed in frames and covered with litter, or stored in pits or cold cellars. Some of the varieties, such as Golden Self-Blanching and White Plume, may be blanched by simply placing a board 12 to 15 inches wide on edge on each side of the row, and to hold them in place tack bits of laths across the rows at the top. The turnip-rooted variety does not require blanching, and may be planted in rows one foot apart. *One ounce of seed produces about*



Paris Golden Celery. 3,000 plants.

Boston Market. The best and most popular sort in cultivation

Breck's Christmas. Without doubt this is the



Triumph. A large growing variety, fine quality and flavor, good winter sort
White Plume. This variety can be blanched with boards. It is usually solid, and of a pleasing nutty flavor

Celery Seed for Flavoring



Pink Plume Celery.

Pkt.	Oz.	1/4 lb.
\$0.10	\$0.30	\$1.00
.10	.50	1.50
.05	.25	.75
.05	.20	.75
.10	.30	.75
.10	.40	1.25
.15	.50	1.50
.05	.25	.75
.10	.40	1.25
.05	.25	.75
.10	.40	1.00
.10	.25	1.00
.05	.10	.50

Cress.German, *Gartex und Brunnen Kresse*. — French, *Cresson*. — Spanish, *Mastuerzo*.

Curled, or Peppergrass. The popular sort. Sow thickly in drills in the spring season, as the ground is in good working order. As the plants rapidly run to seed, repeat sowings at intervals of about two weeks. *One ounce will sow about 100 feet of drill*

Upland Cress. A perennial variety, flavor pungent, resembling Water Cress. Sow in drills one foot apart, in April

Water Cress. This succeeds only in damp soils on the borders of ponds or streams, or where its roots are partially submerged in water. Seed should be sown about a quarter of an inch deep. The plants are rapidly propagated by root extension and self-seeding

See Special Offers on third page of cover.

Cucumber.German, *Gurken*. — French, *Concombre*. — Spanish, *Pepino*.

The first planting should be made early in May on partly spent hot-beds; inverted sods form an excellent medium for both planting on and carrying the young plants to their permanent location, or small paper pots can be used. Such plantings are usually ready for transplanting to the open ground in from three to four weeks, and are seldom troubled with the striped bug. Transplanting, when practical, should be done in the evening, into hills four feet apart each way. Thin out to about four plants to a hill when established. The seed may be planted in hills late in May, thus giving a succession. For pickles, plant during the last two weeks of June.

Plaster dust, or an infusion of hellebore powder in water will destroy the striped bug. *One ounce will plant about 50 hills.*



Giant Pera.



Improved White Spine.

	Pkt.	Oz.	1/4 lb.
Boston Pickling. Produces an abundant crop of short dark-green fruit	\$0.05	\$0.10	\$0.25
Breck's Forcing White Spine. This seed is raised from selected specimens by an Arlington market gardener and is the best obtainable	.10	.40	1.25
Cool and Crisp. Extra early, long, straight and slender, dark-green color	.05	.10	.25
Early Cluster. Grows in clusters. Bluish-green color	.05	.10	.25
Early Frame. Of medium size. Valuable for both table and pickling	.05	.10	.25
Early Russian. The earliest variety. About four inches long	\$0.05	\$0.10	1/4 lb. \$0.25
Everbearing. Medium size, early and productive	.05	.10	.25
Evergreen. Without an equal, quantity and quality considered	.05	.10	.25
Giant Pera. Very long, one of the best	.05	.10	.25
Japanese Climbing. A productive variety, fine quality. The vine will grow over a summer house or climb a pole if given opportunity	.05	.10	.35
Long Green, Improved. Late, about 12 inches long, tender and of excellent flavor	.05	.10	.25
Tailby's Hybrid. A cross between White Spine and an English frame sort	.05	.10	.25
West India Gherkin. A short green oval for pickling	.05	.10	.25
White Spine, Improved. A handsome early variety of uniform size and quality	.05	.10	.25
" " Arlington. A fine strain. It is used both for forcing and out-door cultivation	.05	.10	.25
White Pearl. The best white sort, early and productive	.05	.15	.40

English Frame Varieties.

These are mostly grown by private gardeners. They attain a length of from 12 to 30 inches, and are of fine quality.

Rollinson's Telegraph. Blue Gown. Carter's Model. Each per pkt., 25 cents.



Thick Leaf French Dandelion.

few days after transplanting until they begin to show signs of being established. *One ounce will produce about 1,000 plants.*

Dandelion.German, *Pardeblum*. — French, *Pisse-en-lit*. — Spanish, *Amargon*.

Sow seed in May or June, in drills half an inch deep and twelve inches apart. Cultivate, to keep down the weeds during summer, and the following spring the leaves will be fit to cut. Upon the approach of severe weather cover with litter, which should be removed early the following spring. Dandelion that has been blanched is much more tender and entirely lacks the bitter flavor of the plant matured in the open. The blanching is accomplished by placing two boards inverted V-shape over the rows. *One ounce will sow 200 feet of drill. One pound will sow an acre.*

	Pkt.	Oz.	Lb.
American Improved. Large, fleshy leaves.	\$0.10	\$0.40	\$5.00
French Garden.	.05	.20	2.50
Thick-Leaved French. Large and tender.	.05	.40	5.00

Egg-Plant.German, *Eierpflanze*. — French, *Aubergine*. — Spanish, *Berengena*.

(For price of Plants, see Vegetable Plants.)

Sow in hot-bed early in spring, and transplant when two inches high into another bed or small pots. Plant out three feet apart when weather is perfectly settled and warm. Keep the plants watered for a few days after transplanting until they begin to show signs of being established. *One ounce will produce about 1,000 plants.*

	Pkt.	Oz.	1/4 lb.
Black Pekin. Early, fruit jet black, round in form and very solid	\$0.10	\$0.40	\$1.00
Early Long Purple. Differing in shape from the foregoing; hardy and productive	.10	.25	.75
New York Improved. The leading market variety; excellent and very productive	.10	.40	1.00
White Pearl. A large white fruited variety; ornamental and useful	.10	.40	1.00

See Special Offers on third page of cover.

Endive.German, *Endivien*. — French, *Chicoree*. — Spanish, *Endivia*.

Sow for an early supply about the middle of April. As it is used mostly in the fall months, the main sowings are made in June and July. When up, thin out to eight inches apart, and water well afterwards if dry. When the leaves are six to eight inches long, blanch by gathering together and tying near the top with yarn or raffia. This must be done when the plants are quite dry or they will rot. Before cold weather, take up carefully with a ball of earth to each plant, and place close together in a cold frame or cellar for use. Keep dry and give plenty of air, or they will rot. *One ounce will sow 150 feet of drill.*



Moss Curled Endive.

	Pkt.	Oz.	1/4 lb.
Broad Leaved (Escarolle). A very sweet variety for fall and winter use	\$0.05	\$0.20	\$0.50
Green Curled. The standard sort, suitable for fall and winter . . . . .	.05	.20	.50
Moss, or Parisian Curled. A small very beautifully curled sort . . . . .	.05	.20	.50
White Curled. Grown for early use . . . . .	.05	.20	.50

Kale.— See Borecole.**Kohl-Rabi (Turnip-Rooted Cabbage).**German, *Kohl-Rabi*. — French, *Chou-Rave*. — Spanish, *Col de nabo o Nabicol*.

An intermediate vegetable between the cabbage and turnip. Sow in April, in rows 18 inches apart, and thin out or transplant in rows eight inches apart. When three to four inches in diameter they are fit to eat. For late use, sow in June and July. *One ounce will sow 150 feet of drill.*

	Pkt.	Oz.	1/4 lb.
Early White Vienna , flesh white	\$0.05	\$0.25	\$0.60
Early Purple Vienna , differing from the above in color . . . . .	.05	.25	.60

Leek.German, *Lauch*. — French, *Poireau*. — Spanish, *Puerro*.

Makes a valuable second crop on land that has been used for cabbage, etc., but the soil should receive a liberal dressing of well-composted manure before being planted. Sow the seed in April, in rows one foot apart, and transplant in July. Transplant quite deeply into rows 15 inches apart, with six inches between the plants. Hoe up the earth around the stems when they begin to grow, so as to blanch and make them tender. Take up and store in earth in a cool cellar before winter weather. *One ounce of seed will sow 100 feet of drill.*

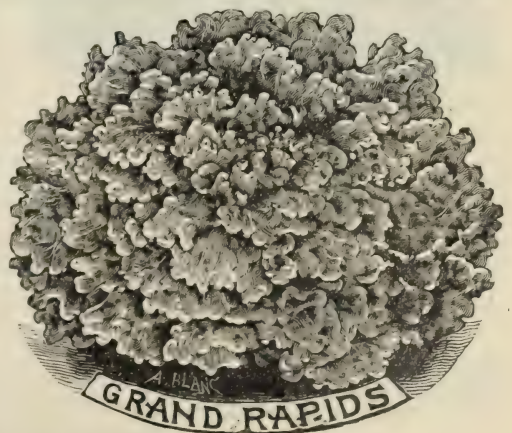
	Pkt.	Oz.	1/4 lb.
Large Flag. A hardy and profitable sort, excellent for winter use	\$0.05	\$0.25	\$0.50
Large Rouen Winter. Large and of fine flavor, remains a long time in good condition . . . . .	.05	.30	.60
Musselburgh, or Carentan. The famous Scotch sort, large, hardy and distinct . . . . .	.05	.30	.60

Lettuce.German, *Lattich-Salat*. — French, *Laitue*. — Spanish, *Lechuga*.

(For price on Lettuce Plants see Vegetable Plants.)

The most easily grown of all open-air plants used for salads. It requires a warm soil that has had a liberal dressing of well-rotted manure and abundant moisture. To be of a satisfactory quality, the growth should be rapid and vigorous. Seed may be sown in a frame in February or March, the plants set out as early as the ground can be worked, as light frosts will not injure them. Set the plants nine inches apart in the rows, and 18 inches between the rows. For successive crops, sowings may be made every two weeks up to the end of August. To grow cos successfully the seed must be sown early in a hot-bed, and when large enough transplanted to a cold-frame in order to have good plants ready to set out when the ground becomes workable. They require tying for a few days, when grown, to blanch them. *Breck's Boston Market, Big Boston and Hittinger's Belmont* are varieties especially suitable for growing under glass. *One ounce of seed will produce about 4,000 plants.*

	Pkt.	Oz.	1/4 lb.
All the Year Round. Medium size, firm heads that do not readily run to seed. Good for summer sowing	\$0.05	\$0.25	\$0.75
Big Boston. Suitable alike for cold-frames or open ground, large and tender . . . . .	.05	.25	.75
Black Seeded Tennisball, Arlington Strain. One of the most popular sorts for outdoor cultivation. The heads are tender and compact with outer leaves . . . . .	.05	.30	1.00



See Special Offers on third page of cover.

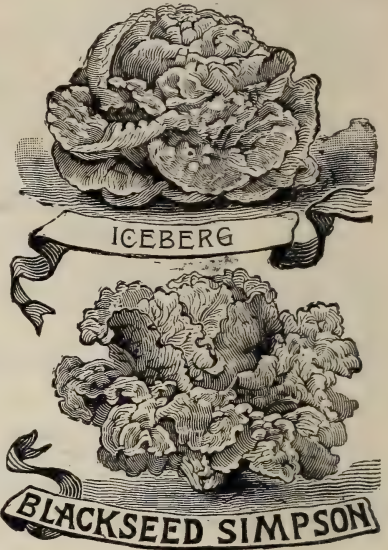
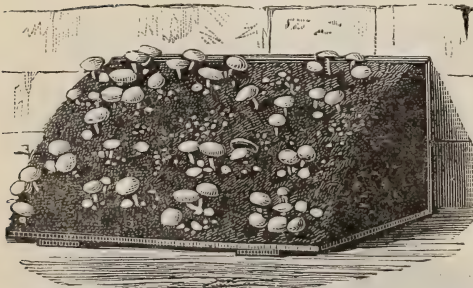
Boston Creamed Leaf Lettuce.
Hittinger's Belmont Forcing Lettuce.

Lettuce—Continued.**Black Seeded Simpson.** A superior variety, large, light colored heads**Boston Curled.** Esteemed for its earliness, beauty and good table qualities.

	Pkt.	Oz.	¼ lb.
Breck's Boston Market. A carefully selected strain of <i>White Seeded Tennisball</i> . Grows very compact, and is a most profitable forcing variety.	\$0.05	\$0.25	\$0.75
Denver Market. An early head variety. The leaves are blistered like a savoy cabbage, forces well.	.05	.40	1.00
Early Curled Simpson. Early, forms a compact mass of tender leaves of a yellowish-green color.	.05	.25	.75
	.05	.20	.60

**Early Prize Head.** Large heads, dark colored, tender and fine**Grand Rapids Forcing.** Large and tender, fine for forcing**Hanson Improved.** One of the best out-door sorts, large, solid, heavy, crisp heads.**Hittinger's Belmont.** Unsurpassed for greenhouse forcing. Heads are larger than *White Seeded Tennisball*, and a little later. The strain of seed is local grown and highly selected**Iceberg.** Large, solid heads, handsome, tender and crisp**New York Cabbage.** Dark green color, large, solid heads**Paris White Cos, or Romaine.** Very early, requires tying to blanch**Salamander.** One of the best summer cabbage sorts**Sensation.** Excellent for forcing or outdoor culture; it does well during the hot summer months, heads large and solid**Trianon, Self-Closing Cos.** The best cos sort, withstands warm weather

	Pkt.	Oz.	¼ lb.
Early Prize Head.	\$0.05	\$0.20	\$0.60
Grand Rapids Forcing.	.05	.20	.60
Hanson Improved.	.05	.25	.75
Hittinger's Belmont.	.10	.40	1.00
Iceberg.	.05	.25	.75
New York Cabbage.	.05	.25	.75
Paris White Cos, or Romaine.	.05	.20	.60
Salamander.	.05	.20	.60
Sensation.	.05	.25	.75
Trianon, Self-Closing Cos.	.05	.25	.75

**Mushroom.**German, *Champignon*. — French, *Champignon*. — Spanish, *Hongo*.
(Our special offers do not apply to Mushroom Spawn.)

Mushrooms may be grown in cellars, out-houses, sheds, under greenhouse benches. The amateur, however, is more likely to meet with success in cellars than elsewhere, as the cool moisture of the atmosphere and the uniform temperature are more congenial to the growth of this vegetable than in the structures above ground. The temperature should range between 55 and 60 degrees. Use a mixture of equal weights, fresh horse droppings and loam that has no manure in it. Before placing this mixture in the bed turn it over every day for a week, so that it does not heat violently, and be careful to keep it under cover, so that it cannot get wet. Then begin to make the bed by spreading thin layers of the mixture, and pound each firm, until you have in all a depth of eight to 10 inches; leave it thus for a few days until the heat runs up to 100 degrees or over and then

declines to 90 degrees; when this point is reached it is ready for spawning, which is done by making holes, three or four inches deep and 12 inches apart each way; into each hole put a piece of spawn about as large as a hen's egg and fill in the hole with compost. At the end of 10 or 12 days the spawn will have run through the whole bed. There should then be spread over the entire surface about two inches of fresh loam. Over all place a few inches of straw. All that remains to be done is to keep the temperature as near 60 degrees as possible; it should never be allowed to fall below 50 degrees, or the crops will be both reduced and delayed. Ordinarily, if the conditions are right, mushrooms will appear in about six weeks and continue to come for about a month. In the event of the surface of the bed becoming very dry sprinkle it freely with water at a temperature of about 100 degrees. After the crop has been taken off the bed, it should receive a dressing of fresh loam to a depth of half an inch, thoroughly firmed, over the entire surface, and when dry a sprinkling with water as above recommended, and a second crop will soon be had. *A brick of English spawn is sufficient for nine square feet of bed.*

Mushroom Spawn. Original English Milltrack, superior to all others. Lb., 12 cents; 50 lbs., \$5.00; 100 lbs., \$9.00.**Mushroom Spawn.** Genuine French Virgin. Lb. 50 cents; 100 lbs., \$45.00.**"How to Grow Mushrooms,"** by Faulkner, the most practical work on the subject to date. \$1.50.**"Mushroom Culture,"** by Robinson. \$0.75.

See Special Offers on third page of cover.



Melon (Musk).

German, *Melone*. — French, *Melon*. — Spanish, *Melon*.

Melons prefer a warm, light, sandy loam; being tender, plantings should not be made before the middle of May. Plant about six seeds, half-inch deep, in hills five to six feet apart each way. The hills should have at least a peck of well-rotted compost thoroughly stirred into each of them before the seed is planted. When well-grown thin out to three plants in a hill. If an earlier crop than this method of cultivation allows is desired, the directions given for growing early cucumbers may be followed. Slug shot, tobacco dust, coal ashes or dry lime are excellent to sprinkle over the young plants to prevent the attack of insects. *One ounce will plant about 60 hills. Two pounds will plant an acre.*

	Pkt.	Oz.	1/4lb.
Bay View Cantaloupe. Large size, green flesh, fine flavor, late	\$0.05	\$0.10	\$0.25
Breck's Improved Emerald Gem. Large, solid orange flesh of unequalled quality	.10	.15	.35
Casaba. Large size, green flesh, fine quality	.05	.10	.25
Colorado, or Rocky Ford. Very popular, flesh light green color, sweet and delicate flavor	.05	.10	.25
Delmonico Perfected. Medium size, deep orange-pink flesh, delightful flavor	.05	.10	.25
Early Christiana. Green with yellow flesh, an excellent early sort	.05	.10	.25
Emerald Gems. Small, but prolific, superior quality	.05	.10	.25
Extra Early Hackensack. Several days earlier than Hackensack, beautifully netted	.05	.10	.25
Hackensack. Large, productive, and fine flavored	.05	.10	.25
Large Yellow Musk. Large, flesh salmon-yellow, very sweet	.05	.10	.25
Long Island Beauty. Round, one of the earliest and best	.05	.10	.25
Miller's Cream. Osage type, thick salmon-color flesh.	.05	.10	.25
Montreal Green Nutmeg. Early, large size, excellent quality	.05	.10	.25
Netted Gem Round. Very early, small, fine flavor, green flesh	.05	.10	.25
Osage. Light green, netted skin, orange flesh, good quality	.05	.10	.25
Paul Rose. Medium size, oval form, salmon flesh, thick, meaty and extra quality	.05	.10	.25
Pomegranate. Ornamental, for perfume, late	.05	.15	.35
Prolific Nutmeg. Thick green flesh, with honey flavor	.05	.10	.25
Surprise. Bright yellow flesh, musky flavor, medium size	.05	.10	.25
Tip-Top. Sweet, juicy, fine flavor, firm flesh	.05	.10	.25
White Japan. Early, medium size, skin cream-white	.05	.10	.25
Mango. For pickles, small, used in the green state	.05	.15	.40

Melon (Water).

French, *Melon d'eau*. — German, *Wassermelone*. — Spanish, *Sandia*.

Water melons require the same general treatment as musk melons; but being more tender they should have the best possible exposure. The hills should be eight feet apart. *One ounce for 40 hills; three pounds for an acre.*

	Pkt.	Oz.	1/4lb.
Black Spanish. Scarlet flesh, thin rind, sugary flavor	\$0.05	\$0.10	\$0.25
Citron. For preserving	.05	.10	.25
Cuban Queen. Round, large, bright red, sweet and sugary	.05	.10	.25
Green and Gold. Large early variety, of fine quality, best for New England	.05	.10	.25
Ice Cream. Medium size, solid, scarlet flesh, fine flavor	.05	.10	.25
Kolb's Gem. Bright-red flesh, one of the best shippers	.05	.10	.25
Mammoth Iron Clad. Very large, solid, and of delicious flavor	.05	.10	.25
Mountain Sweet. One of the best for general culture	.05	.10	.25
Phinney's Early. A standard sort for New England, bright-red, flesh, sweet and tender	.05	.10	.25
Vick's Early. Early, medium size, oblong form, pink flesh	.05	.10	.25

Martynia.

The seed-pods are used for pickling, and should be gathered when green and tender. Plant in the open ground the last week of May in rows two feet apart, making hill one foot apart in the rows; place several seeds in each hill, and when well up thin out to one plant. The seed may also be sown in a hot-bed, and the seedlings afterwards transplanted. *One ounce will plant 50 hills.*

	Pkt.	Oz.	1/4lb.
Martynia Proboscidea	.05	.40	\$1.00

See Special Offers on third page of cover.



Chinese Mustard.

Mustard.German, *Senf*. — French, *Moutarde*. — Spanish, *Mostaza*.

Cultivated for salad. The leaves are used like cress when very young. Sow thickly in rows at different times from April to June, and cut when about two inches high; for use during winter, it may be sown at intervals in boxes, in the greenhouse, or in a frame. *One ounce will sow 40 feet of drill.*

	Oz.	Lb.
Brown or Black. More pungent in flavor than white	\$0.05	\$0.25
Chinese. Leaves twice the size of the ordinary white mustard, of a deeper green, flavor pleasantly sweet and pungent, and desirable as a salad	.15	1.25
White London	.05	.25

Nasturtium, or Indian Cress.German, *Indianische Kresse*. — French, *Capucine*. — Spanish, *Capuchina*.

Cultivated both for use and ornament; the seeds while young and succulent are picked and used as capers. The young leaves are also useful in salads. The many beautiful colored flowers, which bloom freely all summer, add a charm to the garden. *One ounce will sow 40 feet of drill.*

	Pkt.	Oz.	Lb.
Dwarf. Good for borders	\$0.05	\$0.20	\$1.75
Tall. Excellent for covering fences, trellis-work, etc.	.05	.15	1.50

For complete list of finest flowering sorts, see pages 119, 124.

Okra, or Gumbo.German, *Essbarer*. — French, *Gumbo*. — Spanish, *Quibombo*.

This vegetable is of the easiest culture, and grows freely, bearing abundantly in any ordinary garden soil. Sow early in May, in drills two inches deep, thin out the plants to about three feet apart. *One ounce will sow 40 feet of drill.*

	Pkt.	Oz.	¼lb.
Dwarf Green. Early and productive, tender pods	\$0.05	\$0.10	\$0.25
Tall Green. Later than the foregoing, an immense cropper, pods extra large and tender	.05	.10	.25
White Velvet. Large, creamy-white pods, very tender	.05	.10	.25

Onion.German, *Zweibel*. — French, *Oignon*. — Spanish, *Cebolla*.

The onion thrives best in rather strong, deep, loamy soil, which should be well enriched with old well-rotted manure or compost, or what is better, deeply trench, add manure the autumn previous to sowing, and lay upon ridges during the winter to soften. Sow the seed thinly in drills about one-quarter inch deep and one foot apart. To ensure quick and safe germination after sowing the seed, the drills should be trod along evenly with the foot, and then raked even, so that the hot, dry atmosphere may not dry up and destroy the sprouting seed. When three inches high thin to three inches apart. Hoe frequently to keep down weeds. In the seed rows where the hoe cannot be used, the soil should be stirred with the fingers, otherwise weeds will quickly grow up and choke the crop. *One ounce of seed will sow 100 feet drill; four pounds per acre.*

The seed we offer, with the exception of the imported varieties, is Eastern grown, and calculated to give more satisfactory results than Western grown seed.



White Portugal.



Southport White Globe.



Tall Green Okra.

	Pkt.	Oz.	Lb.
Red Globe. (Southport Strain.) The finest large red sort	\$0.05	\$0.20	\$1.50
" Large Wethersfield. Immense yielder, excellent keeper	.05	.20	1.50
" Extra Early. Flat shape, deep red, mild flavor	.05	.20	1.50
" Italian Tripoli. Large size, flat shape, mild flavor	.05	.20	1.50
" Giant Rocca. Globe shape, light red, very mild flavor	.05	.20	1.50
" Bermuda. (Teneriffe grown.) Very early and mild	.05	.25	2.00
White Globe. (Southport strain.) Mild flavor, early and large, not a good keeper	.05	.25	2.00
" Portugal. Large, flat shape, mild flavor, not a good keeper	.05	.25	2.00
" Queen. Small, pure white, extra early, fine for pickles	.05	.25	2.00
" Mammoth Garganus, or Silver King. Silvery white, Italian, large size, mild flavor	.05	.25	2.00

See Special Offers on third page of cover.

Onion. — *Continued.*

Breck's Yellow Globe Danvers.

	Pkt.	Oz.	Lb.
Yellow, Breck's Yellow Globe Danvers. This is a home grown pedigree strain that we believe to be superior to any other Yellow Globe obtainable	\$0.05	\$0.25	\$2.00
" Yellow Globe. Grown from selected bulbs, a very good type . . . . .	.05	.20	1.50
" Southport Globe. Handsome and distinct, somewhat late . . . . .	.05	.20	1.50
" Early Cracker. Flat shape, early, and a good keeper . . . . .	.05	.25	2.00
" Prizetaker, or Globe Spanish. Large, light yellow . . . . .	.05	.20	2.00

Onion Sets.

(Prices Variable.)

(Our Special Offers do not apply to Onion Sets.)

The sets should be planted out as early in spring as the ground is dry enough to work; plant them in rows one foot apart, with sets three or four inches apart. When raised from sets the onions can be used in the green state in June, or they will be ripened off by July.

	Qt.	Pk.
Yellow	\$0.25	\$1.00
Potato Onions . . . . .	.25	1.25
Top, or Button, Onions . . . . .	.25	1.25
White . . . . .	.30	1.50
Shallots . . . . .	.30	1.50
White Multiplier, or Potato . . . . .	.25	1.25

Parsley.German, *Petersilie*. — French, *Persil*. — Spanish, *Perejil*.

Soak the seeds a few hours in tepid water, and sow early in the spring in drills one foot apart; thin out the plants to three or four inches apart; a single row forms a very good edging for beds or walks. The seed germinates very slowly, and sometimes two or three weeks will elapse before the plants make their appearance. To preserve in winter, transplant to a light cellar or cold-frame. The Turnip-Rooted variety should be thinned out while the plants are quite young, and afterwards treated the same as carrots. *One ounce to 150 feet of drill.*

	Pkt.	Oz.	1/4lb.
Champion Moss Curled. Leaves beautifully curled, extra fine for garnishing	\$0.05	\$0.10	\$0.25
Fern-Leaved. Most exquisite in form and coloring . . . . .	.05	.10	.25
Hamburg, or Turnip-Rooted. Roots used for flavoring soups . . . . .	.05	.10	.25

Parsnip.German, *Pastinake*. — French, *Panais*. — Spanish, *Pastinaca*.

Sow thick in April, in rows 18 inches apart, and one inch deep, in a rich, deep soil, well manured the previous fall, or with fine manure early in March. When the plants are two or three inches high, thin out to five or six inches apart in the rows. Unlike carrots, they are improved by frost, and it is usual to take up in the fall a sufficient quantity for winter use, leaving the rest in the ground until spring, to be dug up as required. *One ounce for 100 feet of drill; five pounds to an acre.*

	Pkt.	Oz.	Lb.
Breck's Market Garden. For flavor, texture of flesh, form, smoothness and as a cropper, this variety is without an equal. This seed is New England grown	\$0.05	\$0.15	\$1.00
Early Round, or Turnip-Rooted. Suitable for shallow soils, a fine cropper and good quality . . . . .	.05	.10	.60
Hollow Crown. A standard sort, large, and of good flavor . . . . .	.05	.10	.60
Long Smooth White. Free from coarse roots, a general favorite . . . . .	.05	.10	.60

Pumpkin.German, *Kurbis*. — French, *Courge*. — Spanish, *Calabaza*.

The pumpkin is now little used except for agricultural purposes, the squashes being so much sweeter, drier and finer grained for the kitchen. The farmer, however, finds the pumpkin a serviceable addition to his feed. The most common and least troublesome method of cultivation is to plant among the corn in hills eight feet apart, four seeds in a hill.

	Pkt.	Oz.	Lb.
Connecticut Field. Very productive; largely grown for feeding stock	\$0.05	\$0.10	\$0.25
Japan Crookneck. Fine keeper, of first quality . . . . .	.05	.10	.60
Large Cheese, or Kentucky Field. Very productive; grown for both stock and table . . . . .	.05	.10	.60
Mammoth King. This variety often weighs over 100 pounds . . . . .	.05	.15	1.00
Mammoth Red Etampes. One of the largest, skin red, flesh very thick and fine flavored . . . . .	.05	.15	1.00
Nantucket, or Negro. Dark, warted skin, excellent for pies . . . . .	.05	.10	.60
Quaker Pie. A good keeper and fine for pies . . . . .	.05	.10	.60
Sweet Sugar. Round, small, and very sweet, an excellent table variety . . . . .	.05	.10	.60
White Cushaw. A pure white crookneck variety . . . . .	.05	.10	.60
Winter Luxury. A fine keeper and one of the best for pies . . . . .	.05	.10	.60

See Special Offers on third page of cover.

Peas.German, *Erbse*. — French, *Pois*. — Spanish, *Chicaros*.

Peas come earliest to maturity in light, rich soils, but for a general crop a deep loam or moderately heavy soil is better. Some time may be saved in getting an early crop, by sowing a quantity in a shallow box filled with moist sand, and planting outside when well sprouted, but if the soil is dry at the time of transplanting a good watering must be given to prevent injury. Sow the smooth sorts as early in spring as the ground can be worked, and make successive sowings every ten days, the wrinkled sorts being given the preference as soon as the ground is warmed up. Plantings of the earliest sorts, such as Breck's Excelsior, may be made through July and even up to the 10th of August with reasonable hope of a crop. Sow in rows, from two to five feet apart, according to the height of the variety. The first sowings will be earlier if covered only one inch deep; those following should be covered two to six inches deep; the deep planting prevents mildew and prolongs the season. Fresh manure, and wet soils should be avoided as they cause a too rank growth of vine. The wrinkled varieties are sweeter and of more delicate flavor than the smooth sorts, but are liable to rot if sown too early. The holes which are sometimes found in peas are produced by the pea weevil (*Bruchus pisi*). These holes do not affect the growing of the peas, for as great a percentage of growth is obtained from infested peas as from those not stung by the beetle. For the past few years, late peas in some sections have suffered much from a new pea louse (*Nectarophora destructor*). If this pest is thrown to the ground by striking the vines with a feather duster or other light weapon and the space between the drills promptly hoed or raked little injury will result to the crop. The well known lady-bug is a natural enemy of the pea louse and if seen on the vines should not be disturbed, as it does much to prevent the ravages of the louse. Kerosene emulsion is fairly effective in freeing the vines of insects. *One quart of peas will sow about 100 feet of drill.*

The seeds of the sorts to which an asterisk (*) is prefixed are wrinkled.

SPECIAL PRICES PER BUSHEL OR LARGER QUANTITIES QUOTED ON APPLICATION.

Extra Early Sorts.

	Pt.	Qt.	Pk.
<i>Alaska, or Clipper.</i> A smooth, blue, prolific, sweet extra early	\$0.15	\$0.30	\$1.25
* <i>Alpha.</i> A fine-flavored early wrinkled variety	.15	.25	1.25
* <i>Bliss's American Wonder.</i> Well known early wrinkled sort	.20	.35	1.75
<i>Breck's Excelsior.</i> The best extra early for market and private garden	.15	.30	1.50
* <i>Carter's Premium Gem.</i> A dwarf prolific, green, wrinkled variety of good quality.	.20	.35	1.75
<i>Clauditt.</i> The most desirable extra early pea introduced to date. The pea is large, deep green in color, and slightly wrinkled. The quality is unsurpassed by any of the deeply wrinkled sorts. The pods, borne singly, approach in size the popular Telephone. The vine is of vigorous growth, height, two and one-half feet. The seed of this sort can be planted with perfect safety at the same time as the Alaska and First and Best strains, and the large pods will be ready to pick at the same time	.20	.35	2.00
* <i>Duke of York.</i> Very large, long full pods, the peas are of the finest quality, early; coming in a few days after Gradus, productive and in every way desirable	.15	.30	1.50
* <i>Gradus, or Prosperity.</i> The pods are almost as large as those of the Telephone, and are fit to pick three days after Alaska	.25	.40	3.00
<i>Improved Daniel O'Rourke.</i> A standard extra early variety	.15	.25	1.25
<i>Maud S. P. & W's Improved.</i> A first-class selected strain of extra earlies	.15	.25	1.25
* <i>Nott's Excelsior.</i> Extra early, grows fifteen inches high. Superior to American Wonder in quality and productiveness.	.20	.35	1.75
* <i>Surprise, or Eclipse.</i> Only two or three days later than Breck's Excelsior, small pods, quality excellent	.15	.30	1.75
<i>Tom Thumb.</i> About nine inches high, very early	.15	.25	1.25
* <i>William Hurst.</i> A famous English variety, resembles somewhat Premium Gem, but more productive and with larger pods	.15	.30	1.75

See Special Offers on third page of cover.



Joseph Breck & Sons

Peas—Continued.**Second Early Sorts.**

	Pt.	Qt.	Pk.
* Bliss's Abundance. Strong vines of medium height that bear an enormous number of well-filled pods	\$0.15	\$0.25	\$1.25
* Bliss's Everbearing. A most desirable main crop variety for the private grower . . . . .	.15	.25	1.25
* Dwarf Telephone, or Daisy. As large and productive as the original Telephone, but earlier and dwarfer . . . . .	.20	.35	2.00
* Duke of Albany, or American Champion. Larger pods than Telephone, earlier, dwarfer, and with little tendency to "sport" . . . . .	.15	.30	1.50
* Heroine. A long, full podded variety that follows Advancer in season . . . . .	.15	.25	1.25
* Horsford's Market Garden. Type and quality of Advancer, more productive . . . . .	.15	.25	1.25
* Juno. Remarkably large, long, straight, thick throughout, well filled pods. Peas are dark green and a fine flavor . . . . .	.15	.25	1.25
* McLean's Advancer. A dwarf green wrinkled marrow of fine flavor . . . . .	.15	.25	1.25

General Crop.

* Blackeye Marrow. An excellent old-fashioned sort . . . . .	.10	.25	.75
* Breck's New Life. All things considered, the most valuable pea of its season for home or for market . . . . .	.20	.35	2.00
* Carter's Telephone. A vigorous grower, extra large well filled pods . . . . .	.15	.30	1.50
* Champion of England. The standard late variety, sweet and productive . . . . .	.15	.25	1.25
* Dwarf White Marrow. An old-fashioned yet popular variety . . . . .	.10	.25	.75
* Pride of the Market. An enormously productive wrinkled marrow of good quality . . . . .	.15	.30	1.75
* Sharpe's Queen. Large, well filled pods, of extra quality, equal in all and superior in some respects to Stratagem . . . . .	.15	.30	1.50
* Stratagem. A sport that usually produces stalky vines covered with full pods of extra size . . . . .	.15	.30	1.50
* Shropshire Hero. After the style of Yorkshire Hero, but more desirable . . . . .	.15	.25	1.50
* Yorkshire Hero. A wrinkled marrow of extra fine quality. . . . .	.15	.25	1.50

Edible Podded Peas.

	Pt.	Qt.
* Early Dwarf Wrinkled Sugar. A French variety, early and of good quality	\$0.15	\$0.30
* Tall Gray Sugar. Can be used either shelled or cooked in the pods . . . . .	.15	.30

Special prices per bushel quoted on application.

For Canada Field and other Forage Peas see page 47.

Potatoes.

(Prices subject to market changes.)

Special prices on large quantities quoted on application. Special offers do not apply on potatoes.

Of the many varieties of potatoes that claim public favor, we have selected only a few, and these the best in cultivation. We aim to include in our list only those sorts which we have found by actual test are worthy of cultivation. Orders will be booked as received, and shipped in rotation, after danger of freezing is over; and as potatoes are of a perishable character, we assume no responsibility for damages incurred in transit, but we will, of course, exercise the greatest care to guard against sudden changes in the temperature. *All the potatoes we offer are grown in Aristook County, Maine, from selected stock especially for seed purposes. They are calculated to give the best results to planters and when compared with common stocks will more than pay in increased crop for the small extra cost of seed, while the quality will be better and more uniform. Ten to 12 bushels will plant an acre.*



	Peck	Bush.	Bbl.
* Beauty of Hebron. A standard sort, pure white skin and flesh, an excellent cropper	\$0.50	\$1.40	\$3.50
* Breck's Chance. Quality is the leading feature, but it is early, a good cropper; the tubers are just the size wanted for the table . . . . .	.50	1.50	4.00
* Carman No. 1. White fleshed, medium; late sort of perfect quality . . . . .	.50	1.50	4.00
* Carman No. 3. A potato with a long pedigree. Try it . . . . .	.50	1.50	4.00
* Clark's No. 1. A well-known, very productive sort of fine quality . . . . .	.50	1.40	3.50
* Delaware. Medium early, very large, white throughout, and extra quality . . . . .	.50	1.50	4.00
* Early Harvest. Wonderfully early, fine-sized tubers . . . . .	.50	1.50	3.75
* Early Ohio, Jr. An old rough-skinned standard sort, highly recommended . . . . .	.50	1.50	4.00
* Early Northern. Earlier and more prolific than Early Rose, of which it is a seedling . . . . .	.50	1.50	4.00
* Early Rose. Our stock of this standard variety is especially good . . . . .	.50	1.50	4.00
* Early Six Weeks. Similar to Early Ohio, but earlier . . . . .	.50	1.50	4.00
* Freeman. Medium early, very fine flavor . . . . .	.50	1.50	4.00
* Green Mountain. A second early of superior quality, a large yielder and good keeper . . . . .	.50	1.40	3.50
* Joseph. Large, even-sized tubers . . . . .	.50	1.40	3.50
* Lady Finger. The genuine old-fashioned variety for baking . . . . .	.75	2.50	
* New Queen. Of the Hebron type, but earlier, a great yielder, fewer small ones . . . . .	.50	1.40	3.50
* Pearl of Savoy. Very early, large oblong tubers, productive and of superior flavor . . . . .	.50	1.50	4.00
* The Bovee. Resembles Queen in appearance, quite early, good quality and keeper . . . . .	.50	1.50	4.00

See Special Offers on third page of cover.

Pepper.German, *Pfeffer*. — French, *Piment*. — Spanish, *Pimiento*.

Plant in hot-beds in March, and transplant into the open ground the latter part of May, in rows about 20 inches apart and eight inches apart in the row. Repeated hoeings promote their growth. *One ounce of seed will produce about 2,000 plants.*

	Pkt.	Oz.	1/4 lb.
Cayenne, Long Red. The pods of this variety are from three to four inches in length, cone-shaped, and coral red when ripe	\$0.05	\$0.25	\$0.75
Celestial. Fruit at first yellow, but becomes deep scarlet when matured . . . . .	.05	.25	.75
Golden Dawn. Shaped like the bell; color, golden-yellow . . . . .	.05	.25	.75
Large Bell, or Bull Nose. Fruit large; an early sweet variety . . . . .	.05	.25	.75
Procopp's Giant. Long and large, fine scarlet; flesh thick . . . . .	.05	.25	.75
Red Cherry. Fruit round, very productive and ornamental . . . . .	.05	.25	.75
Red Chili. Used for pepper sauce, small, narrow pods, about five inches long; very thick, fine flavor . . . . .	.05	.25	.75
Ruby King. Pods about five inches long, very thick, fine flavor . . . . .	.05	.25	.75
Squash, or Tomato-Shaped. The kind most generally grown for pickling; an excellent sort . . . . .	.05	.25	.75
Sweet Mountain, or Mammoth. Similar in shape to the large bell, but of much larger size05	.25	.75

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VILMORIN-ANDRIEUX & CO.**Rhubarb.**German, *Rhabarber*. — French, *Rhubarbe*. — Spanish, *Ruibarbo Bastardo*.

(For price of Rhubarb Roots, see Vegetable Plants.)

Sow early in the spring, in drills a foot apart, thinning out to about the same distance apart in the rows when a few inches high. In fall, or the following spring, transplant into deep, rich soil about three feet apart each way. If propagated by dividing the roots, it may be done either in fall or spring, planting it at the same distance apart as given above.

	Pkt.	Oz.	1/4 lb.
Linnaeus. Early, large, and tender	\$0.10	\$0.20	\$0.50
Victoria. Very large, later than Linnaeus . . . . .	.10	.20	.50

Radish.German, *Rettig*, *Radieschen*. — French, *Radis*, *Rave*, *Petit Rave*. — Spanish, *Rabano*.

Radishes require a light, rich, sandy loam; heavy or clayey soils not only delay their maturity but produce crops For a constant supply, sow from the middle of March until September, at intervals of two or three weeks. For an early supply they may be sown in a hot-bed in February. For winter radishes, sow the seed about Beginning of July, and keep the roots during winter in a cool cellar, covered with earth. They should be placed in cold water an hour or so before using. *One ounce of seed will sow 100 feet drill; 10 lbs. per acre.*

	Pkt.	Oz.	Lb.
Turnip, Deep Blood Red. A fine early forcing sort	\$0.05	\$0.10	\$0.80
" Early French Scarlet Forcing. The earliest of all . . . . .	.05	.10	1.00
" Early Deep Scarlet. Early, fine color . . . . .	.05	.10	.75
" Early Scarlet Globe. Fine for forcing or open ground . . . . .	.05	.10	.75
" Early Scarlet White-Tipped. Very early. . . . .	.05	.10	.75
" Early White. Flesh pure white and sweet . . . . .	.05	.10	.75
" Golden Summer. A desirable and mild flavored sort . . . . .	.05	.10	.80
" Large White Summer. Large size, good quality . . . . .	.05	.10	.75
Olive-Shaped, Deep Scarlet. Quite early, fine for open ground . . . . .	.05	.10	.75
" French Breakfast. Early, scarlet with white tip . . . . .	.05	.10	.75
" White. An excellent summer sort . . . . .	.05	.10	.75
Long, Brightest Scarlet. An early, long, white-tipped sort . . . . .	.05	.10	.75
" Chartier. Scarlet with white tip, thick, and mild . . . . .	.05	.10	.75
" Scarlet Short Top. Long and crisp, fine . . . . .	.05	.10	.75
" White Vienna. Crisp and tender in summer . . . . .	.05	.10	.75
White Giant Stuttgart. Early, mild and tender, withstands summer heat perfectly . . . . .	.05	.10	.75
Winter California Mammoth White. A grand keeper . . . . .	.05	.10	.80
" Long Black Spanish. The popular winter sort . . . . .	.05	.10	.75
" Round Black Spanish. A fine winter variety . . . . .	.05	.10	.75
" Rosa China. Handsome and distinct . . . . .	.05	.10	.75

See Special Offers on third page of cover.



much inferior, both in appearance and especially in flavor. For an early supply they may be sown in a hot-bed in February. For winter radishes, sow the seed about Beginning of July, and keep the roots during winter in a cool cellar, covered with earth. They should be placed in cold water an hour or so before using. *One ounce of seed will sow 100 feet drill; 10 lbs. per acre.*

Squash.German, *Kürbiss*. — French, *Courge*. — Spanish, *Calabaza Tontanera*.

As all Squashes are somewhat tender, they should not be planted out until danger from frost is past. They will grow on almost any soil, but a warm, mellow one that has been well manured suits them best. The hills for bush varieties should be about four feet apart; for running sorts, eight feet. Thin out to two plants to a hill, and in the early stages of growth keep well sprinkled with plaster dust. *Bush varieties*, one ounce to 40 hills; *running varieties*, one ounce to 20 hills; two to four pounds per acre.

Bush Varieties.

	Pkt.	Oz.	Lb.
Giant Summer Crookneck. Yellow fruit, large and good	\$0.05	\$0.10	\$0.75
Golden Custard. An improved and larger yellow bush	.05	.10	.75
Mammoth White Bush. The best for early use	.05	.10	.75
Vegetable Marrow. A favorite English sort, distinct, flesh white	.05	.10	.75

Running Varieties.

American Turban. Orange-yellow flesh, dry, rich and sweet	.05	.10	.75
Bay State. Style of Essex Hybrid, color blue, good for fall and winter	.05	.10	.75
Boston Marrow. Follows the summer sorts in season, a good fall and winter sort	.05	.10	.60
Canada Crookneck. Small, green skin, productive, fine winter sort	.05	.10	.75
Delicata. Orange, striped green, early and productive, small size, good keeper	.05	.10	.75
Early Prolific Marrow, or Orange Marrow. Early, distinct, good, suitable for fall or winter use	.05	.10	.60
Essex Hybrid. A hard-shelled Turban, fine for winter	.05	.10	.75
Golden Bronze. Color green and bronze, flesh golden-yellow, dry and very sweet, average weight about 10 pounds	.05	.10	1.00
Hubbard. A standard winter sort, meat dry and fine	.05	.10	.75
Hubbard, Golden or Red. Earlier, a grand keeper	.05	.10	.75
Hubbard, Mammoth Warted. Large, completely covered with warts, keeps well, fine quality	.05	.10	.75
Marblehead. Very productive, a fine keeper	.05	.10	.75
Warren. An improved Essex Hybrid	.05	.10	.75
Winter Crookneck. A standard winter sort, of fine quality	.05	.10	.75

**Spinach.*** German, *Spinat*. — French, *Epinard*. — Spanish, *Espinaca*.

Spinach likes a rich soil, and should be sown for a main crop in August or September. When cold weather sets in, it should be protected from frost by covering it with straw and brush. For summer use, sow at intervals of two or three weeks from April to August. Sow the seed of New Zealand Spinach (which must be scalded and soaked in hot water before sowing) in hills three feet apart each way, three or four seeds in a hill. This is fit for cutting all summer. *One ounce will sow 50 feet of drill; 12 lbs. per acre.*



Long Standing Spinach.

	Pkt.	Oz.	Lb.
Long Standing. (Round thick leaved.) Leaves thick and large. The best for spring sowing	\$0.05	\$0.10	\$0.30
New Zealand. (<i>Tetragonia expansa</i> .) A distinct, spreading plant that produces an abundant supply of greens all summer	.05	.15	1.00
Prickly, or Winter. Recommended for fall sowing	.05	.10	.30
Round Viroflay. Large, thick, dark green leaves	.05	.10	.30
Savoy-Leaved, or Bloomsdale. Large curled and wrinkled leaves, a fine market sort	.05	.10	.30
Victoria. Very dark colored leaves, fine variety for spring sowing, later than Long Standing	.05	.10	.30

See Special Offers on third page of cover.



Salsify, or Oyster Plant.

German, *Boksbart*.—French, *Salsifis*.—Spanish, *Ostra Vegetal*.

The demand for Salsify is increasing from year to year, as its delicious qualities are becoming known. It is used stewed, boiled, or fried, and sometimes as a salad sliced raw in vinegar with salt and pepper. When cooked it has an oyster flavor, and is commonly called "Vegetable Oyster." The directions for growing and keeping are the same as for parsnip. *One ounce will sow 50 feet of drill; 10 lbs. to the acre.*

	Pkt.	Oz.	Lb.
Breck's Improved Long White. Roots of medium size, white and smooth	\$0.05	\$0.15	\$1.25
Mammoth Sandwich Island. Twice as large as the preceding, and of fine quality	.05	.15	1.50

Tobacco.

Connecticut Seed-Leaf. Best adapted to the climate of the Northern and Middle States

Havana. Imported seed	.05	.25	2.00
Rose Muscatel. Makes an excellent quality cigar	.10	.30	3.50

Tomato.

German, *Liebsapfel*.—French, *Tomate*.—Spanish, *Tomate*.

(For Tomato Plants, see Vegetable Plants.)

The seeds should be sown in a hot-bed about the first week in March, in drills five inches apart and half an inch deep. When the plants are about two inches high, they should be set out about four or five inches apart in another hot-bed. About the middle of May the plants may be set in the open ground; they are planted for early

crops on light, sandy soil, at a distance of three feet apart, in hills in which a good shovelful of rotten manure has been mixed. On heavy soils, which are not suited for an early crop, they should be planted four feet apart. Water freely at the time of transplanting, and shelter from the sun for a few days until the plants are established. *One ounce will produce about 2,000 plants.*

	Pkt.	Oz.	1/4 lb.
Acme. Very early, medium size, smooth, purplish pink color	\$0.05	\$0.20	\$0.60
Autocrat. Large, smooth and productive, color of Acme	.05	.25	.75
Aristocrat. Similar to Dwarf Champion in growth, fruit bright scarlet	.05	.25	.75
Breck's Belmont. The best early either for forcing or open ground cultivation, fruit bright scarlet, with few seeds, finely flavored and solid	.05	.30	1.00
Dwarf Champion. Dwarf and strong habit of growth, very solid and of extra quality.	.05	.25	.75
Early Ruby. Very early, large size, bright scarlet color	.05	.25	.75
Golden Queen. Good size and quality, bright yellow color	.05	.30	1.00
Honor Bright. Distinct, fine quality, the best keeper yet introduced	.05	.25	.75
Livingston's Beauty. An early variety, prolific, glossy crimson in color	.05	.20	.60
Livingston's Favorite. Ripens evenly and quite early, noted for its good shipping qualities	.05	.20	.60



Breck's Belmont Tomato.

	Pkt.	Oz.	1/4 lb.
Livingston's Perfection. Large and early, thick meat, few seeds, blood-red color	\$0.05	\$0.20	\$0.60
Livingston's Stone. Very smooth, solid, thick flesh, bright scarlet color	.05	.25	.75
Peach Red. Resembles a peach, for pickles and preserves	.05	.25	.75
Pear-Shaped Red. Fruit handsome and solid, fine for preserves	.05	.25	.75
Plum-Shaped Yellow. Uniform shape, bright yellow, used for pickles	.05	.25	.75
Ponderosa. The largest variety, solid and of good quality	.05	.30	1.00
Red Cherry. A small early variety, size and shape of a cherry, used for pickling	.05	.30	1.00
Royal Red. Good main crop sort, intense bright red color	.05	.25	.75
Sutton's Best-of-All. Especially suitable for growing under glass. Medium size, solid, free from seeds, deep scarlet color.	.10	.35	1.00
Strawberry, or Winter Cherry. (<i>Physalis Alkekengi</i> .) The fruit grows in a husk and will keep all winter. It has a pleasant strawberry-like flavor. It is much used for preserving, also for sauce	.05	.30	1.00
Trophy, Improved. A standard late variety, dark scarlet, fine for canning	.05	.25	.75
Yellow Cherry. Similar to Red Cherry except in color	.05	.30	1.00

See Special Offers on third page of cover.

Turnips may be sown at all seasons from April to August in our climate, although those will be the best which are sown very early in spring for summer crop, and early in August for a fall and winter crop. A light soil well manured the previous year is the best; no manure should be applied at the time of sowing, unless it be well-decomposed compost, or the roots would be liable to be bad-flavored. The ground should be dug or ploughed deep and made mellow and fine. Sow the seed of the flat sorts broadcast, and rake in evenly. After they are well up, thin to six or eight inches apart, and keep them clear from weeds. The Ruta Baga sorts should be sown in drills 15 inches apart, and for winter use may be sown from the 20th of June to the middle of July, on land that has been well manured for other crops in spring; thin out as for the early crop. *One ounce will sow 150 feet drill. Two pounds will sow one acre in drills. One pound*

Yellow Stone, or Globe. Of medium size, excellent flavor, and a good keeper; flesh yellow

[illegible]

A detailed black and white illustration of a large, round, textured root vegetable, possibly a rutabaga or turnip. The vegetable has a bulbous, rounded body with horizontal lines indicating its growth rings. A cluster of leafy greens, resembling chard or similar leafy vegetables, grows from the top. Small roots are visible at the bottom. The vegetable is set against a plain background with some light shading around its base.

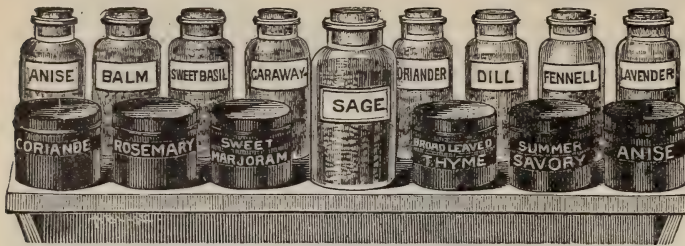
White French. An excellent sort for table or stock. Flesh firm, white, and solid; a popular market variety

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	Pkt.	Oz.	Lb.
<i>Apple, American</i>	\$0.05	\$0.10	\$0.50
<i>Apricot Pits</i>05	.10	.50
<i>Currant, Cherry</i>10	.30	2.50
<i>Gooseberry Mixed</i>15	.75	
<i>Peach Pits, per bush., \$2.50</i>			
<i>Pear, French</i>10	.25	2.50
<i>Quince</i>10	.25	2.50
<i>Raspberry</i>10	.25	3.00
<i>Strawberry Mixed</i>10	.75	
<i>Arbor Vitæ, American</i>10	.30	2.00

	Pkt.	Oz.	Lb.
<i>Barberry, Common</i>	\$0.10	\$0.15	\$1.00
<i>Locust, Honey</i> . . . . .	.10	.15	.55
<i>Ash, White</i> . . . . .	.10	.10	.60
<i>Birch, White</i> . . . . .	.10	.25	2.00
<i>Cedar, Red</i> . . . . .	.10	.15	.75
<i>Elm, American</i> . . . . .	.10	.25	2.50
<i>Maple, Sugar</i> . . . . .	.10	.20	1.00
<i>Pine, White or Weymouth</i> . . . . .	.10	.20	1.75
<i>Spruce, Norway</i> . . . . .	.10	.20	1.25

See Special Offers on third page of cover.



Sweet, Pot, and Medicinal Herbs.

These herbs are all of easy cultivation. Sow the seed as early in May as practical in shallow drills about 15 inches apart, thin out when two or three inches high. Generally speaking, it is best to cut the herbs when in flower.

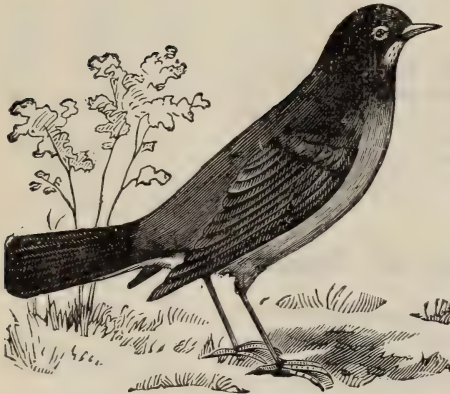
	Pkt.	Oz.
Anise	\$0.05	\$0.10
Arnica . . . . .	.10	1.25
Balm . . . . .	.05	.30
Basil, Sweet, . . . . .	.05	.20
Caraway . . . . .	.05	.10
Catnip . . . . .	.10	.40
Coriander . . . . .	.05	.10
Dill . . . . .	.05	.10
Fennel, Sweet . . . . .	.05	.10

	Pkt.	Oz.
Hop Seed	\$0.10	\$1.00
Horehound . . . . .	.05	.20
Hyssop . . . . .	.05	.20
Lavender . . . . .	.05	.20
Lovage . . . . .	.10	.25
Marjoram, Sweet . . . . .	.05	.25
Pennyroyal . . . . .	.10	.75
Rosemary . . . . .	.05	.30

	Pkt.	Oz.
Rue	\$0.05	\$0.20
Saffron . . . . .	.05	.15
Sage . . . . .	.05	.20
Savory, Summer . . . . .	.05	.15
Savory, Winter . . . . .	.05	.20
Sorrel, Broad-leaved . . . . .	.05	.20
Thyme, Broad-leaved . . . . .	.05	.35
Wormwood . . . . .	.05	.30

Bird Seeds.

None of our Special Offers apply on Bird Seeds.



	Lb.	100 lb.
Canary, Best Sicily	\$0.08	\$5.00
Hemp . . . . .	.08	5.00
Rape, German . . . . .	.08	6.00
“ English . . . . .	.10	6.00
Mixed Bird Seed (per package, 10 cts.) . . . . .	.08	5.00
Lettuce . . . . .	.20	15.00
Maw or Poppy . . . . .	.15	12.00
Rice, Unhulled or Paddy . . . . .	.12	10.00
Millet, Golden . . . . .	.08	4.00
Parrot Food . . . . .	.10	6.50
Mocking Bird Food, in bulk . . . . .	.25	
“ “ “ in bottles	Each.	Doz.
Song Restorer, in bottles . . . . .	.35	3.50
“ “ “ in bottles . . . . .	.25	2.75
Sunflower Seed	Lb.	100 lb.
Sorghum, for Pigeons . . . . .	.10	5.00
Gravel for Cages . . . . .	.05	2.50
“ “ “ in bottles	Pkg.	Bush.
Cuttle Fish Bone . . . . .	.10	1.50
“ “ “ in bottles	Lb.	
“ “ “ in bottles . . . . .	.30	

Seeds used for Flavoring, Etc.

(Special Offers do not apply on these seeds.)

	Oz.	Lb.
Anise	\$0.10	\$0.40
Cummin . . . . .	.10	.40
Coriander . . . . .	.10	.25
Celery . . . . .	.10	.50
Caraway . . . . .	.10	.25
Dill . . . . .	.10	.50
Fennel, Sweet . . . . .	.10	.30
Medicinal Pumpkin . . . . .	.10	.25
Flax	Lb.	100 lb.
“ “ “ in bottles . . . . .	.10	6.00

Old Homestead Pop Corn.

Lovers of pop corn will appreciate the Old Homestead brand of White Rice Pop Corn. No shelling, no dirt, no insects, no disappointment. It is one year old before being packed, thus ensuring good popping qualities. We clean this corn by a new process that frees it from dust, dirt, insects and other impurities. All the corn we pack is especially grown for us in New England, is cured in the old fashioned way; consequently, is not only clean, but is free from mixed and flinty kernels which do not pop. For Corn Balls, Candied Pop Corn and Nuggets the Old Homestead will be found superior.

Per 1-lb. pkg., 10 cents; per case of 24 packages, \$2.00 net.

See Special Offers on third page of cover.



Vegetable Plants and Roots.

All are especially grown for our trade from choicest strains of seed.
(Special Offers do not apply to articles on this page.)

ASPARAGUS ROOTS.

	100	1000
<i>Colossal</i> , two year old roots	\$1.00	\$7.00
<i>The Hub</i> , " " " "	1.25	10.00
<i>Palmetto</i> " " " "	1.00	7.00

CABBAGE PLANTS.

From hot-beds, ready about first week in April.

	100	1000
<i>Early Jersey Wakefield</i>	\$1.00	\$8.00
<i>Henderson's Summer</i>	1.00	8.00
<i>Stone Mason</i>	1.00	8.00
<i>Fottler's Brunswick</i>	1.00	8.00

For Winter Crop, ready July 1st.

<i>Savoy American Improved</i> . . . . .	.50	4.00
<i>Fottler's Brunswick</i> . . . . .	.50	4.00
<i>Stone Mason</i> . . . . .	.50	4.00

CAULIFLOWER.

	100	1000
<i>Breck's White Bouquet</i>	\$1.50	\$12.00
<i>Snowball</i>	1.50	12.00

CELERY PLANTS.

	100	1000
<i>Boston Market</i>	\$1.00	\$8.00
<i>Golden Self-Blanching</i>	1.00	8.00
<i>Giant Pascal</i>	1.00	8.00
<i>White Plume</i>	1.00	8.00

CHIVES.

Used for flavoring soups, etc., each 15 cts.; dozen, \$1.25.

EGG PLANTS.

	Doz.	100
<i>New York Improved</i>	\$1.00	\$6.00
<i>Black Pekin</i>	1.00	6.00

TARRAGON PLANTS.

Each	\$0.30
Per dozen	3.00

HORSE-RADISH SETS.

Per dozen, 25 cents; per 100, 60 cents; per 1000, \$5.00.

LETTUCE PLANTS.

	100
<i>Boston Market Head</i>	\$0.75
<i>Early Curled Simpson</i> . . . . .	.75

PEPPER PLANTS.

Large Bell, or Bull Nose. Per doz., 25 cts.; per 100, \$1.75.

RHUBARB ROOTS.

Each	\$0.20
Per dozen	2.00

SWEET POTATO PLANTS.

	100	1000
<i>Nansemond</i>	\$0.75	\$6.00

TOMATO PLANTS.

	Doz.	100
<i>Breck's Belmont</i>	\$0.25	\$2.00
<i>Acme</i> . . . . .	.25	2.00
<i>Paragon</i> . . . . .	.25	2.00
<i>Dwarf Champion</i> . . . . .	.25	2.00
<i>Livingstone's Stone</i> . . . . .	.25	2.00

AGRICULTURAL SEEDS.**Grains.**

(Prices Subject to Market Change.)

BARLEY.

	Per Bush.
<i>Two-Rowed</i>	\$1.25
<i>Four-Rowed</i>	1.00
<i>Beardless.</i> Free from the poisonous beard	1.50

BUCKWHEAT.

	Per Bush.
<i>Silver Hulled</i>	\$1.25
<i>Japanese.</i> Enormously productive	1.25

OATS.

	Per Bush.
<i>Welcome.</i> Fine variety	\$0.90
<i>Lincoln.</i> Unsurpassed . . . . .	.90
<i>Black Tartarian.</i> Most prolific and distinct variety of black oats, desirable for growing on meadow land	1.50
<i>Gray Winter, or Turf</i>	1.50
<i>Wild Rice</i> (<i>Zizania aquatica</i>). For naturalizing around duck ponds	per lb. .25

RYE.

To prevent disappointment, we offer only New England grown rye for seed purposes.

	Per Bush.
<i>Spring</i>	\$1.50
<i>Winter</i>	1.10

SPRING WHEAT

	Per Bush.
<i>Saskatchewan Fife.</i> One of the best spring sorts	\$2.00
<i>White Russian.</i> Beardless white chaff, amber-colored grain	2.00

WINTER WHEAT.

	Per Bush.
<i>Martin Amber.</i> Beardless heads, four to seven inches long, of amber color	\$2.00
<i>Clawson White.</i> A well-known favorite sort	2.25

As you know, I have used your seeds exclusively for the last five years and they have given entire success in every department of the farm. I have been especially pleased the past season with the returns from my root crops, which are the finest I have ever raised. Your grass mixtures which I have tried for the first time, and about which I at first entertained very little hopes of success, have given me a very pleasant surprise. They are making a beautiful sward and wherever I have used them show a marked superiority over the old methods of using Red Top and Timothy.

Yours,

JNO. QUEENEY,
Glen Rose Farm, Braintree, Mass.

I can truly say all I have purchased of you in the past year has given perfect satisfaction, and shall not hesitate to recommend them to my friends.

Very truly,

C. S. MOXLEY, Supt.,
Lakeview Farm, No. Andover, Mass.

I also wish to say that I have been perfectly satisfied with all goods purchased from you in the past and hope to purchase many more in the future. I have traded with you because I thought I would be well used both in quality and price, and have not changed my mind yet.

Yours resp'y,

CHAS. A. GRINNELL,
Supt. Pingree Farm, Topsfield, Mass.

See Special Offers on third page of cover.

MISCELLANEOUS SEEDS.—For Forage Crops, Plowing under, Etc.

Special Offer No. 3 only applies to seeds under this heading.

Beans, Breck's Soya. The most suitable variety for cultivation in New England, valuable either as a fodder crop or for the silo. The dry beans when ground make an excellent meal for feeding to milch cows. When roasted and ground they form an excellent substitute for coffee. Quart, 20 cents; peck, \$1.00; bushel, \$3.50.

— **Medium Green Soya.** Especially suitable for New England. Quart, 25 cents; peck, \$1.25; bushel, \$4.00.

— **Velvet Bean** (*Dolichos multiflorus*). Used by the farmers of Florida and other Southern States as a forage plant and also as a fertilizer plant for turning under. Stock readily eat the vines and leaves, and the beans when ground, with or without the pod, are used instead of oats or corn, and sometimes mixed with them. It is planted in rows four feet apart and one foot in the row, two or three beans in a place, as soon as danger from frost is past. We do not believe the beans will ripen in ordinary seasons in Massachusetts, but the crop for forage or turning under will prove valuable. Per quart, 20 cents; bushel, \$3.00.

Beggar Weed (*Desmodium molle*). Recommended as a forage plant for thin, sandy lands. Sow about first of June in drills three feet apart, five pounds per acre. Per lb., 40 cents; 5 lbs., \$1.75.

Broom Corn. Sow 12 quarts to the acre, after danger from frost is past. It succeeds best in a good deep, moderately moist soil.

Long Brush Evergreen. 15 cents lb.; 100 lbs. \$10.00.

Broom, Scotch (*Genista scoparia*). The young growth of this shrub is chiefly valuable as food for sheep in winter. It is also used for making coarse brooms. The plants when covered with their bright yellow flowers are very ornamental. 10 cents oz.; lb. 75 cents.

Corn, Jerusalem. See Sorghum. **Corn, Kaffir.** See Sorghum. **Dhaura.** See Sorghum.

Lupins, Yellow. This succeeds in the poorest soils, and is very valuable for plowing under to improve sandy soil. It makes good forage, either green or as hay. Sow in spring when the ground has become warm, 90 lbs. to the acre. 20 cents lb.; 100 lbs., \$10.00.

— **Blue.** Used for plowing under. 20 cents lb.; 100 lbs., \$10.00.

Millo Maize. See Sorghum.

Millet, Pearl (*Penicillaria spicata*). A valuable and very productive fodder plant; should not be sown until danger from frost is over. This Millet has frequently been sold at very high prices under the names of *Brazilian Millet* and *Penicillaria Zeaoides*. Drill, 18 inches apart, 10 pounds to acre. Lb., 15 cents; \$12 per 100 lbs.

Millet, Japanese Barn-

yard Grass (*Panicum Crus Galli*). Distinct from other varieties, enormous cropper, grows six to eight feet high, excellent either green or cured as hay. It prefers a moderately moist soil and may be sown in an average season from the middle of May until the first of July. Broadcast, at the rate of 25 lbs. per acre, or in drills 18 inches apart, 15 lbs. to the acre. Price per lb., 12 cents; 25 lbs. for \$2.50.

Our illustration (from photograph) shows a ten acre field on the farm of Dr. O. G. Ciley, Hamilton, Mass., six weeks after sowing. The growth, as the picture shows, is higher than the Doctor's head. It is proving to be all its introducer, Prof. W. P. Brooks, of Amherst, hoped, namely, the best summer forage crop obtainable.



Japanese Millet. *Panicum Crus Galli*.

— **Breck's Japanese** (*Panicum miliaceum var. Japonica*). In growth and appearance somewhat like the best Southern grown Golden Millet, but of superior quality and immensely more productive. Everything considered, we believe it is the best millet yet introduced. Peck, 50 cents; bushel, \$1.80.

For other varieties of Millet see under Grasses.

Clover, Crimson, German or Scarlet. Recommended as a valuable green manure crop and for an April green-food crop for cattle. Sow broadcast during July or August, 20 lbs. per acre. Per lb., 12 cents; \$10.00 per 100 lbs.

Oats, Gray Winter, or Turf. As hardy as winter wheat, and should be sown in August or September at the rate of one and-a-half to two bushels per acre. They can be grazed late in the fall or early in spring, without injury to the grain crop. The yield of grain on good soil is frequently from 50 to 70 bushels per acre. These oats are also valuable for spring seeding. Per peck, 50 cents; bushel, \$1.50.

Peas, Southern Cow (*Vigna Catjang*). Valuable both for fodder and as a green crop to plow under. They gather large amounts of nitrogen from the air; cattle and sheep are very fond of them when in flower. A deep, rich, sandy soil gives best results. They should not be sown until the ground has become warm. Sow one to one-and-a-half bushels per acre.

See Special Offers on third page of cover.

Peas, Southern Cow.

- **Whippoorwill.** One of the earliest. 15 cents qt.; bush., \$2.50.
- **Southern Yellow Eye.** Early and a heavy cropper. 15 cents qt.; bush., \$2.75
- **Clay, or Wonderful.** Has matured in New England. 20 cents qt.; bush., \$2.50
- **Southern Black.** Immense cropper. 15 cents qt.; bush., \$2.50.
- **White Canada Field.** Bush., \$1.50 net.
- **Green Canada Field.** Bush., \$1.65 net.
- **Black Eye Marrow.** Bush., \$2.50 net.
- **Flat Forage** (*Lathyrus sylvestris*). A valuable perennial forage plant, does well on poor, sandy soil, its deeply penetrating roots enabling it to stand severe drought. The forage is relished by all farm stock. Plant the seeds thinly in drills one foot apart. Per oz., 10 cents; lb., \$1.00.
- Rape, Dwarf Essex.** Valuable for sheep pasture or for plowing under. If sown in May it will be ready for pasture in July. It may be sown as late as the end of July, and under reasonable conditions will produce a large amount of pasture or fodder. Broadcast, 10 lbs. to the acre. Per lb., 15 cents; 100 lbs., \$9.00.
- Sacaline** (*Polygonum sachalinense*). A forage plant said to be suitable for growing on what are termed "waste lands." Seed should be started in the same way as cabbage, and the plants when large enough set out four feet apart each way. Per pkt., 10 cents; oz., 25 cents.
- Spurrey** (*Spergula arvensis*). Annual. This plant will grow on land that is too dry and thin to support clover, and so rapidly that three sowings may be made in one season. The crop may be fed both green and as hay. It is in condition to pasture sheep or cattle on in about six weeks after sowing, and sowings may be made every month from April to August. Sow broadcast 20 pounds per acre. Per lb., 15 cents; per 100 lbs., \$10.00.
- Sunflower, Large Russian.** 10 cents lb.; 100 lbs., \$5.00.
- Teosinte** (*Keana luxurians*). A valuable fodder plant, that in growth resembles Indian corn. It seems to do well in New England, and if cut early when tender is much relished by cattle and will give two or three crops in a season. 15 cents oz.; lb., \$1.00.
- Vetches, Spring Tares** (*Vicia sativa*). Sown broadcast at rate of one to one and a half bushels to the acre, like wheat or barley, and sometimes mixed with oats for soiling. Used in France and Canada as a substitute for peas. Also ground up into flour, after which it is mixed with wheat flour for making bread. A valuable plant. Per qt., 20 cents; per bush., \$3.25
- **Sand, Winter, or Hairy Vetch** (*Vicia villosa*). This variety thrives on poor, sandy soil. It may be sown either in fall or spring, mixed with rye or oats, which serve as a support to the plants. It grows to a height of about four feet, and can be cut twice for fodder, first as soon as the bloom appears, and then it can be again cut for the seed. The plants are perfectly hardy and recommended as being very nutritious. Sow one and a half bushels per acre. 15 cents lb.; \$13.00 per 100 lbs.

Sorghum.

- Early Amber Sugar-Cane.** Ripens where Indian corn matures. Per lb., 15 cents; per 100 lbs., \$8.00.
- Early Orange Sugar-Cane.** Ripens about ten days after Early Amber. Per lb., 15 cents; per 100 lbs., \$8.00.
- Brown Dhoura Corn.** Per lb., 15 cents; per 100 lbs., \$8.00.
- Yellow Branching.** (Yellow Millo Maize.) It is non-saccharine; used only for the large amount of foliage, green feed, or cured fodder that it furnishes, and for its grain. Per lb., 20 cents; per 100 lbs., \$10.00.
- White Branching.** (White Millo Maize.) The merit of this non-saccharine sorghum is, that when cut for feeding it starts again from the remaining stumps with renewed strength and vigor; thrives in the hottest and driest localities. Per lb., 20 cents; per 100 lbs., \$10.00.
- Red Kaffir Corn, or Sorghum.** Non-saccharine. The plant is low, stocky, perfectly erect. The whole stalks, as well as the blades, cure into excellent fodder, and in all stages of its growth is available for green feed. Per lb., 15 cents; per 100 lbs., \$8.00.
- White Kaffir Corn.** Per lb., 15 cents; per 100 lbs., \$8.00.
- White African Sorghum, African Millet, or White Dhoura.** Per lb., 15 cents; per 100 lbs., \$8.00.
- Jerusalem Corn.** One of the best and surest for dry countries and seasons. Grows about three feet high, with one large head on main stalk and several smaller heads on side shoots. The grains are white and nearly flat. Per lb., 15 cents; per 100 lbs., \$8.00.

Grasses.

Special attention is called to the fact that by advantageous arrangements with the parties who grow the different seeds for us, we are enabled to make a large reduction in the prices of Permanent Pasture and other Grass Mixtures, without impairing the very high standard of purity and germination that we have always maintained.

"And he gave it for his opinion that whoever would make two ears of corn or two blades of grass to grow upon a spot of ground where only one grew before would deserve better of mankind, and do more essential service to his country, than the whole race of politicians put together." —SWIFT.

We desire to call special attention to the following list of AGRICULTURAL GRASSES, which will, we think, be found very comprehensive, both as to varieties and descriptions. We are devoting a great deal of time to this most important subject, and the department has already become an extensive one with us.

Having learned by experience that the so-called imported grasses which are offered by those making a specialty of them in this country are very far from reliable, both as regards purity and quality, we have found it necessary to import all our seeds of this character direct. We have accordingly made arrangements for our stocks with one of the most prominent growers of Agricultural Grasses on the Continent, who, by virtue of many years' experience in growing seeds of this peculiar character, has become the recognized headquarters for same. This will enable us to furnish our customers with the very best, and that which we know to be free from all adulteration.



Timothy.

See Special Offers on third page of cover.

Grasses—Continued.

It seems almost unaccountable that at this day, when the different branches of practical agriculture are seemingly so thoroughly understood, that our American farmers should apparently ignore the importance of sowing upon their fields only those kinds of grasses which are *adapted* to the *soil* and *climate*, and which will produce in the shortest length of time a luxuriant crop of the desired character. The list of grasses now in use by most of our farmers can be counted on the fingers of one hand, which showing is indeed a small one, when we take into consideration the many species, valuable because of their respective merits, which should be in constant demand for the various soils and climates of America.

We invite special attention to our "Mixtures" for Permanent Pastures and Mowing Lands, which follow our descriptions. We have endeavored to bring into prominence a few important facts under the head of *Mixtures*, which, we think, cannot fail to be of interest to any one who is concerned in the laying down of profitable pastures, or who desires to obtain large crops of hay of choice quality from his fields.

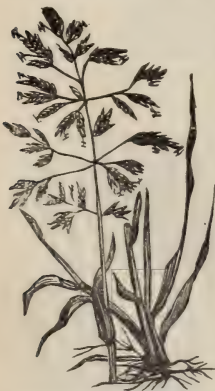
Awnless, or Smooth Brome Grass (*Bromus inermis*). An erect growing perennial that attains a height of from three to five feet.

It is especially recommended for dry and arid soils where the more delicate grasses will not grow. Its remarkable drought-resisting qualities make it very valuable for dry situations, while its extreme hardiness enables it to withstand our coldest winters without serious injury. The rootstocks of this variety spread rapidly under ground, sending up new shoots, and thus form a close, dense sod. On this account it should not be sown except where a permanent grass crop is desired. (Per bushel 20 lbs.)

Meadow Brome Grass (*Bromus pratensis*). A hardy perennial useful in mixtures for both mowing and pasture. It should not be sown alone except in poor soil or dry hillsides. It withstands extreme cold and drought, and if cut before flowering it makes a good hay. (Per bushel 18 lbs.)

Timothy (Herd's Grass or Catstail) (*Phleum Pratense*). Root fibrous on moist soils; on dry soils often bulbous; perennial; flowers in June and July. While this grass is commonly known as Timothy, it is frequently called Herd's Grass, as this is the name under which it was originally cultivated. It is, without doubt, a most valuable grass for hay, especially in the North. It thrives best on moist, loamy soils of medium tenacity. Grows very readily and yields large crops on favorable soils. Should be cut just when the blossom falls. The hay is of best quality, yielding, under favorable circumstances, three or four tons per acre. (Per bushel, 45 lbs.)

Orchard Grass (*Dactylis glomerata*). Root fibrous; perennial; flowers in June and July. This is one of the most valuable and widely known of all the pasture grasses. Its rapidity of growth, the luxuriance of its aftermath, and its power of enduring the cropping of cattle, all commend it highly to farmers. Thrives well on light soils, and as its roots penetrate to a considerable depth, where the subsoil is favorable, it withstands droughts better than most species on dry sandy soils. It is very valuable to be used in a mixture with Timothy and Clover, and produces splendid crops of hay. This grass is sometimes condemned because of its coarse growth, which is only apparent when in a neglected condition, but with proper management no grass is more valuable. When pastured Orchard Grass should never be allowed to become coarse, but should be kept closely cropped. In this condition it is highly nutritive, and relished very much by all kinds of stock. (Per bushel, 14 lbs.)



Kentucky Blue Grass.

Kentucky Blue Grass (Meadow Grass, June Grass, Spear Grass), (*Poa pratensis*). Root creeping; perennial; flowers in June. This valuable grass is very common in the soils of America, and is claimed by some to be the most valuable of all the grasses in our pastures. On the other hand, some claim that its creeping root impoverishes the soil. It is a fact, however, that it grows very luxuriantly, producing the most nourishing food for cattle until late in the season in the North, while in the South abundant herbage is furnished throughout the entire winter. It is a very valuable species in lawn mixtures. Kentucky Blue Grass requires about two or three years to become well set, and does not arrive at perfection as a pasture grass until the sward is at least four years old, hence it is not suited for alternate husbandry, or where the land is to remain in grass two or three years, and be then plowed up. (Per bushel, 14 lbs.)

Red Top (Herd's Grass), (*Agrostis Vulgaris*). Root creeping; perennial; flowers in July. This valuable grass has been commonly cultivated in our fields for over a century. It is a fine permanent grass, and forms a nutritious pasturage when fed close. It is valuable for all wet soils producing a large return in good hay. Red Top is often sown with Timothy and common Red Clover, in which case the Clover soon disappears, followed by Timothy, after which the Red Top usually takes its place, and with some wild indigenous grass forms a close sward. When sown alone three bushels per acre are required, or 15 lbs. of the clean seed. (Per bushel, 10 lbs.)

Fancy or clean seed per bushel, about 40 lbs.



Orchard Grass.

See Special Offers on third page of cover.

Italian Rye (*Lolium Italicum*). This is one of the most valuable grasses brought into notice during the present century. In nutritive value, earliness and quickness of growth after it has been mown, it by far surpasses the Perennial Rye Grass. It is, therefore, indispensable for alternate husbandry; but as it does not last over two years it is of no use in permanent pastures. The soils best adapted to Italian Rye seem to be those that are moist, fertile, and tenacious, or of a medium consistency, and on such soils it is said to be one of the best grasses known to be cut green, affording repeated luxuriant and nutritive crops. (Per bushel, 18 lbs.)



Meadow Fescue.



Crested Dog's-Tail.

Fowl Meadow (False Red Top, Duck Grass, Swamp Wire Grass), (*Poa serotina*). Root slightly creeping; flowers in July and August. This perennial native grass is found on lowlands in many places, though it seldom takes full possession of the soil unless seed is sown. It has been largely introduced into New England, and is particularly adapted to moist, rich soils, such as the borders of rivers, ponds, etc., owing to the fact that an occasional overflow will not injure its growth. It may be mown at any time from June to October, as it never becomes so coarse and hard but the stalk is sweet and tender and eaten without waste. It is thought too fine for horses. It is easily

makes an excellent grass for oxen, cows, and sheep, but is made into hay which is of a nutritive character. (Per bushel, 10 lbs.)

Meadow Foxtail (*Alopecurus pratensis*). Root fibrous; perennial; flowers in May. This is one of the best grasses for permanent pastures, and should always form a fair proportion of the mixtures for that purpose, because of its extremely rapid growth and great nutritive qualities. Thrives best on a rich, strong soil. As the Meadow Foxtail shoots up its flowering stalk much earlier than Timothy, it can be easily distinguished from the latter, which, at first sight, it greatly resembles. It endures the cropping of cattle and sheep probably better than any other variety of grass, making it, as stated above, well-nigh indispensable in all first-class permanent pastures. The nutritive qualities of Meadow Foxtail are most abundant at time of flowering. (Per bushel, 8 lbs.)

Crested Dog's-Tail (*Cynosurus cristatus*). Roots fibrous and tufted; perennial. This is a most valuable permanent pasture grass. It is very tender and nutritious at time of flowering. If, however, it is left until the seed ripens, cattle will not eat it on account of its wiry stems. For parks this grass is well suited, because of its fine, close growth, and pleasant green color. It should form a portion of all mixtures for lawns. (Per bushel, 28 lbs.)

Meadow Fescue, or English Blue Grass (*Festuca pratensis*). Root creeping; perennial; flowers in July; one of the most valuable of the Fescue grasses. This grass is well adapted for permanent pastures, and is also sometimes used for alternate husbandry. It grows rapidly in rich and rather moist soils, and makes an excellent pasture grass, its long, tender leaves being much relished by cattle. It should be always sown mixed with other grasses. (Per bushel, 15 lbs.)

Sheep's Fescue (*Festuca ovina*). Somewhat creeping; perennial; flowers in June and July; especially desirable on light, dry, sandy soils. It is much liked by sheep, and should always enter into the compositions of mixtures for lands on which they are to be pastured. Its compact and fine growth make it suitable for lawn mixtures. (Per bushel, 12 lbs.)

Tall Fescue (*Festuca elatior*). Root fibrous, somewhat creeping; perennial; flowers in June and July. In appearance this species resembles the *Festuca pratensis*, but is larger and of stronger growth. It thrives well on moist soils, and yields abundant crops. Cattle and stock eat it greedily. It should form a portion of every mixture for permanent purposes on moist soils. (Per bushel, 15 lbs.)



Sweet Vernal.



Italian Rye Grass.



Meadow Foxtail.



Hard Fescue.

See Special Offers on third page of cover.



Red Top.



Perennial Rye Grass.

a good supply of herbage, of which cattle are very fond. It grows freely on almost any soil, and shows a very early spring growth. Although a perennial grass, the root will not live over three or four years, and unless the plant is allowed to reproduce from self-sown seed it will die out in about that time. This is an objection to its extensive use for permanent pastures, but for hay crops it may be introduced to good advantage along with other grasses and clovers. (Per bushel, 24 lbs.)

Hard Fescue (*Festuca duriuscula*). This is one of the best grasses of the Fescue family. It is regarded by some as a variety of the Red Fescue, though taller, and the panicle more open. It is found in all the finest permanent pastures of the country, and is much valued for its dwarf habit. It resists the summer drought, and develops remarkable verdure during winter. It should form a part of every mixture for lawn or pleasure grounds, and for permanent pasture and alternate husbandry. (Per bushel, 14 lbs.)

Red or Creeping Fescue (*Festuca rubra*). This grass is found growing on light, dry, sandy soils, and from its creeping habit will be found of great value on sandy seacoast lands. It is a grass of better quality than some of the uncultivated species, but is not usually cultivated in this country as an agricultural product, except on elevated sheep pastures. (Per bushel, 13 lbs.)

Sweet Vernal (*Anthoxanthum odoratum*). Root fibrous; perennial flowers in May. This grass is valuable on account of its early growth and its hardy and permanent nature, which, added to the fact that it throws up its flower stalks till the end of autumn, upholds its claim to a place in all compositions where permanency is an object. It is very fragrant, and imparts a pleasant odor to the hay. Will grow in almost any kind of soil, but prefers those which are rich and moist. It is greatly relished by sheep, and is found growing naturally on upland pastures. As a component of "lawn mixtures" it is most valuable, and is largely used for this purpose. The seeds of this grass are scarce and most difficult to be had TRUE. An inferior variety of *Anthoxanthum* being sometimes offered at a low price by unscrupulous dealers, care ought to be exercised in buying. Our seed is guaranteed to be the true *Perennial Sweet Vernal*. (Per bushel, 11 lbs.)

Yellow Oat Grass (*Avena flavescens*). This grass deserves to form a portion of all mixtures for permanent purposes, and is well suited for lawns, croquet and bowling greens. It thrives best on light, dry soils, and is particularly adapted to exposed and elevated situations, where it is found growing naturally. Cattle eat it readily, and it is much relished by sheep. The seed of this grass, like that of the Sweet Vernal, is scarce and most difficult to be had true. The seed we offer is guaranteed to be the true *Yellow Oat Grass*. (Per bushel, 11 lbs.)

Tall Meadow Oat Grass (*Arrhenatherum avenaceum*). A fibrous-rooted perennial; flowers in July; of luxuriant growth, and valuable in permanent pasture mixtures, on account of its early and late growth. It succeeds best on deep sandy lands, and is suitable for sowing in orchards or other shady places. (Per bushel, 15 lbs.)

Wood Meadow Grass (*Poa nemoralis*). This grass, as its name implies, is found naturally in woods and is well adapted for growing under trees. It is especially desirable, from its fine habit of growth, for sowing on shady lawns and under trees, on pleasure grounds. Root fibrous, flowers in June and July. (Per bushel, 14 lbs.)

Various Leaved Fescue (*Festuca heterophylla*). A very early hardy perennial, two to three feet high, thriving best in cool, moist soils. It yields heavily and is a valuable grass in mixtures for permanent meadows, either for mowing or grazing. Its great production of root leaves makes it an excellent bottom grass. It grows well in the shade and is suitable to form part of a mixture for shaded lawns. (Per bushel,—lbs.)

Rhode Island Bent (*Agrostis canina*). Root creeping; perennial; flowers in July. A most valuable permanent grass, largely used in New England for pastures and for lawns. For the latter purpose it is often sown by itself, and if cheapness is an object perhaps it is as good as could be sown, but we recommend the lawn mixture wherever practicable. Soil and treatment same as for Red Top (*A. vulgaris*). (Per bushel, 10 lbs.)

Fancy or clean seed, per bushel, 40 lbs.

Rough Stalked Meadow Grass (*Poa trivialis*). Root fibrous; perennial. This grass is valuable on account of its quick growth, productiveness, and nutritive qualities. Grows in perfection on moist, rich soils, and is also well adapted to ground shaded by trees. Grows early in the spring, and continues green until late in the fall. As it delights in shelter, its produce is always much greater when sown with other grasses. Cattle, sheep, and horses show a great partiality for it, and the pasture is generally eaten barest where this grass predominates. Does not thrive well on dry soils. (Per bushel, 14 lbs.)

Perennial Rye (*Lolium perenne*). A very valuable grass; arrives early at maturity and produces



Sheep's Fescue.



Red Clover.



White Clover.

See Special Offers on third page of cover.

Millets.

Hungarian Grass (*Panicum Germanicum*). This is a species of millet, growing less rank, with smaller stalks, often yielding two or three tons of hay per acre. It is very popular and valuable. Like the common millet, it is an annual, and requires to be sown every season, but will produce a larger return than almost any other crop. (Per bushel, 48 lbs.)

Japanese Millet, Japanese Barnyard Grass (*Panicum Crus Galli*). Distinct from other varieties, enormous cropper, grows six to eight feet high, excellent either green or cured as hay. It prefers a moderately moist soil and may be sown in an average season from the middle of May until the first of July. Broadcast, at the rate of 25 lbs. per acre, or in drills 18 inches apart, 15 lbs. to the acre. (Per bushel, about 35 lbs.)

Breck's Japanese Millet (*Panicum Miliaceum* var. *Japonica*). In growth and appearance somewhat like the best Southern grown Golden Millet, but of superior quality and immensely more productive. Everything considered, we believe it is the best millet yet introduced. (Per bushel, 50 lbs.)

Common Millet (*Panicum Miliaceum*). Requires a dry, light, rich soil, and grows two and a half to four feet high, with a fine bulk of stalks and leaves, and is excellent for forage. For hay, sow broadcast one bushel per acre from May first to August first. For grain, sow in drills, half-bushel to the acre, not later than June 20th. (Per bushel, 50 lbs.)

German or Golden Millet (*Panicum Miliaceum* var.). An improved variety, medium early, growing three to five feet high. The heads are closely condensed, though the spikes are very numerous. (Per bushel 50 lbs.)

During the past few years, the fact has been established beyond doubt that seed of the German or Golden Millet grown in Southern latitudes will produce a much larger yield of hay than from seed grown in Northern or Western sections of the country, and for that reason is far better for farmers to sow. We have a good stock of Southern grown seed, and, knowing its value, confidently recommend it. Bear in mind that to the farmer, Southern grown seed is worth double that of Northern or Western grown, as that seed is degenerated and crossed with other millets.

Clovers.

There are no plants so valuable for fertilizers as the Clovers. They have the faculty of absorbing nitrogen from the air, and also of rendering available much of the inert plant food of the soil. Their long, powerful tap roots penetrate to a great depth, loosen the soil, admit air, and by their decay add immensely to the fertility of the soil.

Medium Red (*Trifolium pratense*). This is the common Red Clover in general cultivation, and too well known to need a general description. It is by far the most important of all varieties for the practical purposes of agriculture. When sown alone produces hay of splendid quality, and with Timothy or other grasses forms a desirable pasture. (Per bushel, 60 lbs.)

Mammoth or Pea Vine (*Trifolium pratense* var.). Grows five or six feet high; its stalks are so coarse and large that stock will eat only the lands which have been exhausted where the common clover will.

Alsike or Swedish (*Trifolium*). Most hardy of clovers, and is sists cold and extreme drought yields an enormous amount of quality. Can be cut several suited to low lands liable to wash, over a large area and hold the rains. The heads are globular, much liked by bees, who obtain them. (Per bushel, 60 lbs.)

Lucerne or Alfalfa (*Medicago*). Where this variety succeeds well it is probably clovers. It is not, however, ern or Northern States, but Southern. It requires a fine tablished, but when once thortifable crop for a number of years. of green fodder, and should be som. Although a prodigious soil, but on the contrary improves adapted, four to five crops can bushel, 60 lbs.)

White Clover (*Trifolium*). clover to the farmer is well nearly every natural pasture. It deep-rooted plant, it withstands It should form a part of all mix-

and is also valuable for alternate husbandry, when these crops are sown down for more than one year. (Per bushel, 60 lbs.)

Crimson Clover (*Trifolium incarnatum*). Is also known as Scarlet Clover and Carnation Clover. It is of rapid growth, and of great value where only one crop is desired, sown either alone or with Italian rye grass. It is an immense yielder, and can be fed green or made into hay. It may be sown in the fall for an early summer crop, or in the spring for cutting in July. (Per bushel, 60 lbs.)

Yellow Trefoil (*Medicago lupulina*). An annual or biennial suitable for pasture in wet meadows, or for stiff, clayey soils which are too poor for Red Clover. (Per bushel, 60 lbs.)

Bird's-Foot Trefoil (*Lotus corniculatus*). Perennial; used in dry pastures. Cattle and sheep eat it readily and it is said to be quite nutritious. It does well on very light and dry soils, and is recommended for sowing in mixtures for dry pastures. (Per bushel, 60 lbs.)



Alsike Clover.

leaves, but by its judicious use can be reclaimed, as it will grow fail. (Per bushel, 60 lbs.)

ium hybridum). This is the fast gaining popularity. It re- and wet, and on rich moist soil hay or pasture of a nutritive times in a season. It is well as its long, fibrous roots spread soil so as to resist the heaviest very sweet and fragrant, and a large amount of honey from

cago sativa). Where this var- one of the most valuable of all particularly adapted to the East- flourishes in all Western and mellow soil to get it firmly es- oughly fixed will produce a pro- It yields an enormous amount cut when commencing to blos- yelder, it does not exhaust the it. In States to which it is be obtained in one season. (Per

repens). The value of this known, and it is to be found in is adapted to all soils. Being a drought on dry, sandy sections. tures for permanent pastures,

ures for permanent pastures,

Mixtures for Permanent Pastures.

"One thing is certain: that good pasture land is the foundation of the riches of a farm."—SINCLAIR.

The oft-repeated complaints of wornout and exhausted pastures, made to us by some of our best New England farmers, have long impressed us with the fact that there must be something radically wrong with the manner in which our pastures are formed and cared for. Some remedy for this state of matters is imperatively necessary; and it seems to us that one most important line of improvement would be the sowing of a larger number of species of grasses in the laying out of these pastures.

As we have already expressed as our opinion, farmers, as a rule, in preparing their mixtures of grasses to be used in the laying down of permanent pastures, confine themselves to too few varieties, thus failing to arrive at the most profitable results. The chief properties which give value to a grass are nutritive powers, produce, early growth, and reproductiveness (that is, the property of growing rapidly after being cropped). If one species of grass could be discovered that possessed all these qualities in a superior degree to every other, there would be no necessity beyond that of botanical science for us to acquire the knowledge which enables us to distinguish the different species of grasses, the soils and subsoils best adapted to their growth, natural habits, and comparative value; but the results of all experiments have proven that a combination of all the merits and properties which give value to a grass is not to be found in any single species, or in fact in any two or three. In sowing a mixture or a number of different varieties we are but following nature, who can be always depended upon as the best teacher. This can be easily demonstrated by the careful examination of any old, rich, permanent pasture, on which will invariably be found fifteen or twenty species of grass or forage plants growing in great profusion. Where, however, it is left to nature to supply the necessary plants to make a rich and succulent pasturage, a great deal of valuable time is, of necessity, lost, or *seven or eight years* will elapse before the field will *naturally* assume the character of a rich and profitable pasture, while by *artificial* means the same result can be brought about in *one-fourth* the time.

In compiling any table of grasses and clovers to be used for permanent pasture purposes there are several important features to be taken into consideration. First, the proportion of plants which would be produced from the amount of each kind of seed sown should be determined, so that the undue predominance of any particular variety may be avoided. We have given this point special consideration in preparing our mixtures. A selection of grasses should be made that blossom at alternate months of the year, as it is a well-known fact that there is no month from April to September inclusive, in which some of the valuable grasses do not attain their full perfection.

By using a mixture comprising these species, it will be at once apparent that a rich and luxuriant growth will be secured throughout the entire season, which result cannot possibly be obtained if the stereotyped mixture usually recommended composes the sward. It would be almost impossible for us to give a series of tables which would comprehend all the variations of soils, altitudes and climates. We think, however, that those we have compiled will be found sufficiently comprehensive to meet all the contingencies that arise in ordinary farming.

These mixtures, which we recommend only after careful study and consultation with the best authorities, are of little or no value unless the seeds composing them are absolutely pure and true to name. We, therefore, especially request those who desire to obtain the best results from their mixtures for alternate husbandry, mowing lands, and permanent pastures, to avoid the probability of *disappointment* which would naturally attend the placing of orders with parties who have never given any degree of attention to this most important subject, and buy from us direct (or authorized agents), who are the first in this country to make a specialty of this branch of the seed business. We doubt if a full stock of all the grasses which form the components of our mixture could be found anywhere in the United States outside of our own establishment, and know they cannot be obtained in the same quantities and of equal quality.

In conclusion, we would say, that although pastures be formed in the best manner as recommended by us, with a combination of MANY different species of grasses, yet a judicious mode of treatment afterwards is as necessary to continue their value. By proper stocking and top-dressing, very indifferent pastures may be brought to a state of great fertility; but, on the contrary, the richest pastures by neglect of proper stocking, top-dressing, or by the too frequent repetition of hay crops, will become so unprofitable as to require many years to bring them again to their original value. This fact every practical farmer is well aware of, and after the proper mode of sowing and stocking has been determined on, a suitable top-dressing should be found. Under the head of Fertilizers, in another part of this Catalogue, will be found a reliable top-dressing, which we can strongly recommend as being specially adapted for pastures of this character.



Crimson Clover.

See Special Offers on third page of cover.

BRECK'S SPECIAL MIXTURES FOR PERMANENT PASTURES.

Table showing the proper quantities to Sow on an Acre of Light, Medium or Heavy Soils, for Permanent Pasture.

KIND.		No. 1. Light Soils.	No. 2. Medium Soils.	No. 3. Heavy Soils.	No. 4. For Orchards and shady places.
Timothy	<i>Phleum pratense</i>	2 lbs.	3 lbs.	4 lbs.	3 lbs.
Red Top	<i>Agrostis vulgaris</i>	4 "	4 "	6 "	3 "
Orchard Grass	<i>Dactylis glomerata</i>	8 "	6 "	4 "	6 "
Meadow Fescue	<i>Festuca pratensis</i>	2 "	2 "	1½ "	—
Hard Fescue	<i>Festuca duriuscula</i>	—	1 "	2 "	2 "
Tall Fescue	<i>Festuca elatior</i>	2 "	2 "	4 "	1 "
Blue Grass	<i>Poa pratensis</i>	4 "	4 "	2 "	5 "
Rough Stalked Meadow	<i>Poa trivialis</i>	—	2 "	4 "	6 "
Perennial Rye Grass	<i>Lolium perenne</i>	2 "	3 "	3 "	—
Meadow Foxtail	<i>Alopecurus pratensis</i>	1 "	2 "	2 "	2 "
Crested Dogtail	<i>Cynosurus cristatus</i>	2 "	1 "	1 "	4 "
Wood Meadow	<i>Poa nemoralis</i>	1 "	1 "	—	—
Yellow Oat Grass	<i>Arena flavescens</i>	2 "	1 "	—	—
Sweet Vernal	<i>Anthoxanthum odoratum</i>	2 "	1 "	—	—
White Clover	<i>Trifolium repens</i>	4 "	4 "	4 "	5 "
Alsike Clover	" <i>hybridum</i>	1 "	1 "	1½ "	—
Perennial Red Clover	" <i>pratense perenne</i>	2 "	3 "	3 "	3 "
		39 lbs.	41 lbs.	41 lbs.	40 lbs.

ALTERNATE HUSBANDRY.**Mixtures for Mowing and Grazing Lands.**

As the pioneers of grass mixtures in this country, we naturally have great pleasure in learning from day to day and season to season that our remarks under the heading "Mixtures for Permanent Pastures" are fast becoming universally admitted facts; and we predict with confidence that the time is not far distant when the practice of sowing only one or two varieties of grass seeds with the hope of obtaining the best results from it will pass, and the better and more profitable one of following nature's plan be adopted.

Many of our statements regarding Permanent Pasture Mixtures are equally pertinent when applied to Alternate Husbandry. It does not require much thought to convince any practical agriculturist that there is no basis to a system that employs the same quantity and kinds of grass seeds on all occasions, without regard to soil, duration of lay, or the condition in which the crop is to be used. All mixtures for Alternate Husbandry should include, say for one or two years' lay, only annual and biennial or other sorts that attain full maturity within that period; for two or three years' lay a greater quantity of seed is required, which should embrace a larger proportion of permanent sorts, so that the places of the dead annual kinds may be filled by the varieties that are of slower growth.

If a mixture principally for mowing is intended to lay more than three or four years, especial care is necessary in selecting and adjusting the several varieties of grasses in proper proportion. A three or four years' lay sown with grasses that are only of annual or biennial duration must be either very thin or foul at the end of the period for which it was laid down—the spaces vacated by the annual and biennial grasses being in all likelihood occupied by objectionable weeds, when, if a proper selection of those species capable of lasting the whole of the desired period were sown, the lay would remain full of plants, free from weeds, and, consequently, much more profitable during the whole time the land is in grass.

The practice of mowing grass for hay when the plants are in blossom is acknowledged to be a good one, in that it is not so exhausting to the soil, and a more succulent hay, freer from dust, is obtained; it has, however, from the fact that all natural reseedling is prevented, a tendency to weaken the plants and reduce their number; hence, when we see an old field of grass that was originally sown with Timothy, Redtop and Clover, and which has been mowed, perhaps, twice annually, we can readily account for either the enormous number of weeds or vacant places that are sure to be noticeable. Our system of mixture practically overcomes this difficulty by the continued growth and stooling out of some of the varieties included that do not attain full maturity under four to six years. Such mixtures, although in the first place more expensive than the ordinary orthodox seeding, are in the end more profitable; we have seen aftermaths from permanent mowing mixtures that more than equaled first crops of Timothy.

In making up the following tables the utmost care has been exercised, and we have no hesitation in recommending them to our patrons.



Lucerne Clover.

See Special Offers on third page of cover.

BRECK'S SPECIAL MIXTURES FOR MOWING AND GRAZING LANDS.

	1 or 2 Years' Mowing.			2 or 3 Years' Mowing or Grazing.			4 Years' Mowing or Grazing.			Permanent Mowing with occasional Grazing.		
	No. 5 Light Soils.	No. 6 Medium Soils.	No. 7 Heavy Soils.	No. 8 Light Soils.	No. 9 Medium Soils.	No. 10 Heavy Soils.	No. 11 Light Soils.	No. 12 Medium Soils.	No. 13 Heavy Soils.	No. 14 Light Soils.	No. 15 Medium Soils.	No. 16 Heavy Soils.
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
Italian Rye Grass	6	6	6	4	4	4	3	3	3	3	3	3
Perennial Rye Grass	4	4	5	5	5	6	5	6	7	6	6	7
Orchard Grass	4	3	3	6	5	5	8	6	6	9	7	7
Meadow Foxtail	—	—	—	1	2	2	2	3	3	2	3	3
Hard Fescue	—	—	—	—	—	—	2	1	1	2	2	2
Blue Grass	—	—	—	—	—	—	—	—	—	2	3	3
Red Top	2	2	3	2	2	3	3	4	4	3	3	3
Wood Meadow	—	—	—	—	—	—	—	—	—	1	1	1
Rough-stalked Meadow	—	—	—	—	—	—	1	2	3	1	2	2
Meadow Fescue	1½	1½	2	1½	2	2	2	3	4	2	4	4
Sweet vernal	½	½	½	½	½	½	1	1	1	1	1	1
Timothy	7	9	9	7	9	9	3	4	4	2	3	3
Red Clover	7	8	8	4	5	5	—	—	—	—	—	—
Perennial Red Clover	—	—	—	—	—	—	4	5	5	2	2	3
Alsike Clover	1	1	1½	2	2	2	2	1	1	2	1	1
White Clover	—	—	—	2	1½	1½	2	2	2	2	2	2
	33	35	38	35	38	40	38	41	44	40	43	45

NOTE.

It will be noticed that the different tables are all based on the quantity required to sow one acre, so in ordering, our patrons will please state the number of acres for which the seed is desired. We shall, unless we are especially instructed to the contrary, put up each variety of seed in separate packages, packing the entire quantity necessary for one acre in a case. We recommend our friends to always buy their mixtures put up as above, and to refuse to receive them in any other shape. The advantage of buying the seed before it is mixed is very apparent, as it insures the purchaser obtaining the exact varieties and quantities which should compose the mixture he has ordered. This protection cannot be enjoyed where the seed is mixed before it is sent out.

PRICES FOR JOSEPH BRECK & SONS' SPECIAL MIXTURES FOR PERMANENT PASTURES AND MOWING AND GRAZING LANDS.

When ordering, simply give number and kind of mixture selected and the number of acres for which seed is desired; for example: "Send me No. 2 Mixture for Permanent Pastures for three acres."

PERMANENT PASTURES.

For Light Soils.	For Medium Soils.	For Heavy Soils.	For Shady Places.
No. 1. Price Per Acre. \$9.00	No. 2. Price per Acre. \$8.50	No. 3. Price per Acre. \$8.00	No. 4. Price Per Acre. \$9.00

ALTERNATE HUSBANDRY.

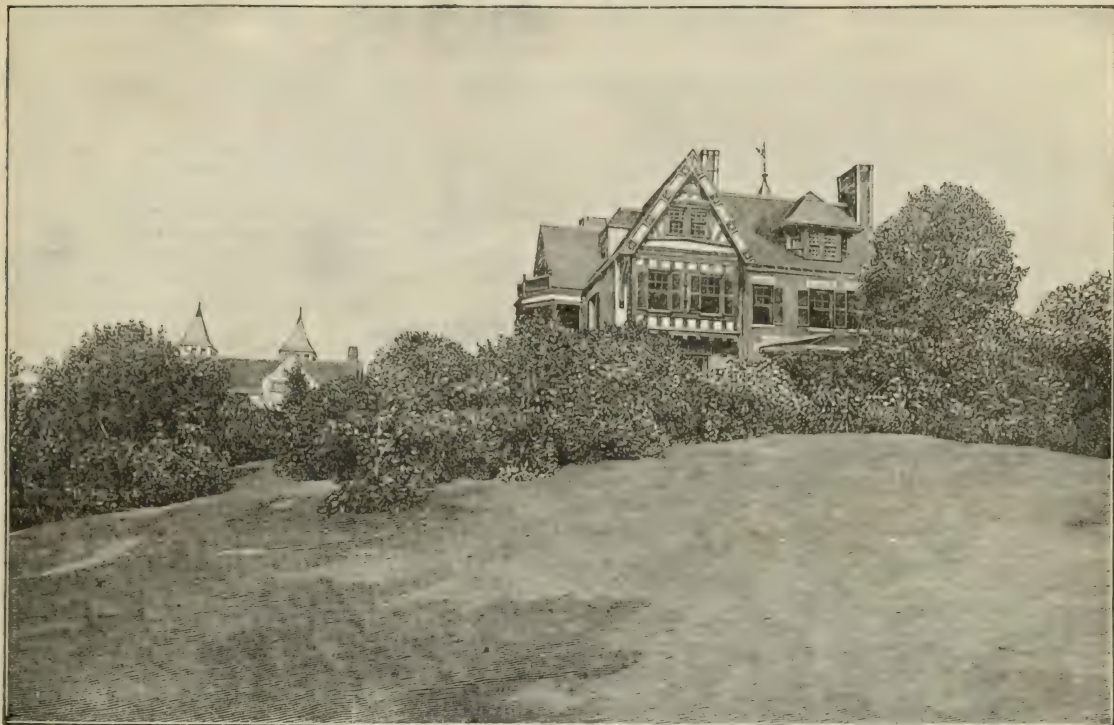
For 1 or 2 Years' Mowing.			For 2 or 3 Years' Mowing or Grazing.			For 3 or 4 Years' Mowing or Grazing.			Permanent Mowing with Occasional Grazing.		
No. 5. Light Soils.	No. 6. Medium Soils.	No. 7. Heavy Soils.	No. 8. Light Soils.	No. 9. Medium Soils.	No. 10. Heavy Soils.	No. 11. Light Soils.	No. 12. Medium Soils.	No. 13. Heavy Soils.	No. 14. Light Soils.	No. 15. Medium Soils.	No. 16. Heavy Soils.
Price per Acre.	Price per Acre.	Price per Acre.	Price per Acre.	Price per Acre.	Price per Acre.	Price per Acre.	Price per Acre.	Price per Acre.	Price per Acre.	Price per Acre.	Price per Acre.
\$4.25	\$4.25	\$4.50	\$5.00	\$5.50	\$6.00	\$6.25	\$7.00	\$7.50	\$7.00	\$7.50	\$8.00

Special prices for quantities for ten acres and upwards.

While it is true that the mixtures which we have recommended are SEEMINGLY much more expensive than what is commonly used, it should be borne in mind that a vastly increased value is given to the pasture not only for one year, but if the land is properly cared for it will remain in good condition for fifteen or twenty years without further sowing, and produce double the amount of fodder, while the ORDINARY sowing has to be repeated every three or four years; thus, in the end, costing more than four times as much as what would be paid originally for the proper mixture.

CAUTION.—Appreciating the fact that unscrupulous parties will probably offer mixtures for permanent pastures, mowing lands, and alternate husbandry, purporting to be the same as ours, we shall, as a matter of protection to both our patrons and ourselves, stencil or print on each case, and also on package containing each variety of seed, our name and address, and request our patrons before purchasing from any other source than ourselves direct, that they examine the case containing same, and if not stenciled as described they may know that it is NOT our mixture, and therefore not in any way entitled to our endorsement.

See Special Offers on third page of cover.

BRECK'S LAWN GRASS SEED.

We have given much thought and made many experiments in order to ascertain just what is the best mixture for permanent lawns, and the grasses which are best suited to this climate. By the proper blending of the varieties which constitute Breck's Lawn Grass, we have obtained a mixture that from early spring to late fall will give to lawns made with it that rich, deep green so often admired upon the lawns and parks of England, but so seldom seen in this country. One quart will sow 300 square feet. Price, per qt., \$0.25. One peck will sow 2,400 sq. feet. Price, per pk., \$1.25. " half pk. will sow 1,200 " " $\frac{1}{2}$ pk., .75. " bushel will sow 10,000 " " bush., 4.00. Four bushels will sow one acre.

Boston Park Lawn Grass.

The same mixture of grasses and clover as supplied by us to the City of Boston Park Commissioners for sowing on the Franklin and other Parks administered by them. Per lb., 30 cents — will sow 680 sq. feet. 16 lbs. \$4.00 — will sow $\frac{1}{4}$ acre. 64 lbs. \$15.00 — will sow 1 acre.

When desired we make special mixtures of grasses to suit different soils and conditions.

Breck's "Shady Spot" Lawn Grass.

This is a mixture of grasses that are naturally adapted for growing under trees and in places where the sun does not find ready entrance. If sown on such locations, in place of the ordinary Lawn Seed, bare and unsightly spots will be prevented. Per quart, 25 cents; peck, \$1.25; bushel, \$4.00.

Breck's Bank and Terrace Grass Mixture.

A mixture of deep-rooting grasses specially prepared for embankments and situations where it is impractical to get a successful catch of the less spreading rooted sorts. It produces a rich velvety turf throughout the season. No coarse-growing undesirable varieties are used in this mixture. Per quart, 25 cents; peck, \$1.25; bushel, \$4.00.

Golf.

In order that we might be the better able to serve our friends in making selection of grasses that will give best results on Golf Courses and Putting Greens under the many varied conditions of soil, etc., that exist, our Mr. Archibald Smith last summer visited Prestwick, Bogside, St. Andrews, and other principal Golf Links in Scotland, and carefully ascertained particulars as to the kinds of grasses used for the different situations and purposes. The soil and effect of climate on these grasses, as compared with those prevailing in New England, have had due consideration, and we now offer under the name of the

Prestwick Golf Grasses,

A series of mixtures, modified as experience warrants for our needs, that we are sure surpass any hitherto offered in the United States.

- No. 1. For Putting Greens, sow at the rate of 80 lbs. per acre. Per lb., 16 cents.
- No. 2. For Courses, light and dry soils, sow at the rate of 50 lbs. per acre. Per lb., 14 cents.
- No. 3. For Courses, low and damp soils, sow at the rate of 50 lbs. per acre. Per lb., 10 cents.

See Special Offers on third page of cover.

..LAWN HINTS..

In forming a new lawn, care should be taken in preparing the ground before seeding, for *desirable* grasses, like other valuable plants, will not thrive unless properly planted and fed. Have the soil put into condition by draining, if necessary, manuring, deep digging and trenching, for it is vain to expect a lawn to retain its beauty during the scorching days of July and August unless the ground is thoroughly pulverized, so that the roots of the grass can penetrate at least 18 inches deep. After the ground is trenched it should be harrowed, all stones, roots and rubbish removed, and made perfectly level, — for if this is not done before the seed is sown it cannot be done after the sward is formed, without great expense and labor, — and left to settle a week or ten days. Then it should be raked smooth, after which it is ready for the seed.

To Renovate an Old Lawn.

When lawns are worn out from neglect or other causes, and where it is not convenient to renew them by spading up and reseedling, they may be greatly improved by a thorough raking, early in spring, with a short-toothed steel rake so as to remove the moss, dead roots, leaves and other useless incumbrances; then scatter evenly over the surface a coating of fine, clean loam, to the depth of, say, half an inch. *Breck's Lawn Grass Seed* should then be sown, using about half the quantity of seed required for new Lawns, again rake lightly and roll down firmly. All lawns are much benefited by a scattering of seed every season, and it may be sown with equal success either in spring or in the beginning of September.

Enemies.

For a year or two lawn owners in Massachusetts have been greatly annoyed with the *Chafer Beetle* or *Jure Bug*, the larvæ beginning their work of destruction early in June. It shows in small, round patches that turn red through the cutting off of the roots of the grass plants. If these patches are examined the plants will be found dead, the roots having been destroyed about an inch and one-half below the surface. If the battle is begun at this early stage there is little difficulty in overcoming the insects, but if they are allowed to make much headway the fight is more troublesome. As soon as the red patches show, obtain a wood beetle or paving rammer and thoroughly pound all such spots and a little over on to the green, healthy plants; this will kill the larvæ. Apply *Breck's Lawn Dressing* at the rate of five to six hundred pounds per acre, and, if practical, follow with a plentiful supply of water. This will enable the plants to make root and grow faster than the grub can work.

If, however, the larva is allowed to get control, the cure consists in reseeding in August or September. On lawns that have been made within a couple of years the grade need not be disturbed nor the ground dug over, the new seed bed being prepared by using a manure fork or rake to loosen the surface soil and remove the dead turf. Put on sufficient soil to bring the ground to the old level, sow the seed, rake in and roll. In the case of old lawns where the soil is hard and where the ground has not been turned over for a number of years it will be better to apply a dressing of nitrate of soda at the rate of two or three hundred pounds per acre in warm, sunny weather, and, say, three days later, proceed to remake the lawn, following the directions given above.

Prices of Agricultural Grasses and Clovers.

Subject to Market Changes.

Special Quotations on Application.

KIND.	Price per lb.	Price per bush.	KIND.	Price per lb.	Price per bush.
R. I. Bent, <i>Agrostis canina</i>	\$0.25	\$2.25	Timothy, <i>Phleum pratense</i>	\$0.68½	\$3.65
Red Top Chaff Seed, <i>Agrostis vulgaris</i> . . . . .	.10	.80	Wood Meadow, <i>Poa nemoralis</i> . . . . .	.40	7.00
Red Top Fancy Clean . . . . .	.14	5.00	Blue Grass (fancy), <i>Poa pratensis</i> . . . . .	.15	2.00
Meadow Foxtail, <i>Alopecurus pratensis</i> . . . . .	.25	2.00	Fowl Meadow, <i>Poa serotina</i> . . . . .	.25	2.25
Sweet Vernal [true] <i>Anthoxanthum odora-</i> <i>tum</i> . . . . .	.35	3.75	Rough Stalked Meadow, <i>Poa trivialis</i> . . . . .	.35	4.80
Yellow Oat Grass, <i>Avena flavescens</i> . . . . .	.90	9.00	Tall Meadow Oat, <i>Arrhenatherum avena-</i> <i>ceum</i> . . . . .	.30	4.50
Crested Dogtail, <i>Cynosurus cristatus</i> . . . . .	.40	10.00	Hungarian Millet Grass, <i>Setaria germanica</i> . . . . .	.04	1.65
Orchard Grass, <i>Dactylis glomerata</i> . . . . .	.15	2.00	Common Millet, <i>Panicum miliaceum</i> . . . . .	.04	1.65
Hard Fescue, <i>Festuca duriuscula</i> . . . . .	.20	2.50	Golden Millet, <i>Panicum miliaceum</i> var. . . . .	.04	1.75
Tall Fescue, <i>Festuca elatior</i> . . . . .	.25	3.75	Japanese Millet, <i>Panicum crus Galli</i> . . . . .	.12	4.00
Sheep's Fescue, <i>Festuca ovina</i> . . . . .	.16	1.90	Breck's Japanese Millet, <i>Panicum milia-</i> <i>ceum</i> var. <i>Japonica</i> . . . . .	.05	2.00
Red Fescue, <i>Festuca rubra</i> . . . . .	.18	2.30	Yellow Trefoil, <i>Medicago lupulina</i> . . . . .	.20	
Meadow Fescue, <i>Festuca pratensis</i> . . . . .	.22	3.25	Bird's-Foot Trefoil, <i>Lotus corniculatus</i> . . . . .	.40	
Italian Rye Grass, <i>Lolium italicum</i> . . . . .	.10	1.80	Red Clover, <i>Trifolium pratense</i> . . . . .	.14	
Perennial Rye Grass, <i>Lolium perenne</i> . . . . .	.09	2.00	Mammoth Red Clover, <i>Trifolium pratense</i> var. . . . .	.15	
Awnless, or Smooth Brome Grass, <i>Bromus</i> <i>inermis</i> . . . . .	.18	3.50	White Clover, <i>Trifolium repens</i> . . . . .	.25	
Meadow Brome Grass, <i>Bromus pratensis</i> . . . . .	.20	3.50	Alsike Clover, <i>Trifolium hybridum</i> . . . . .	.20	
Various-Leaved Fescue, <i>Festuca heterophyl-</i> <i>la</i> . . . . .	.30		Lucerne, or Alfalfa, <i>Medicago sativa</i> . . . . .	.16	
			Crimson Clover, <i>Trifolium incarnatum</i>12	

See Special Offers on third page of cover.

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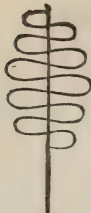



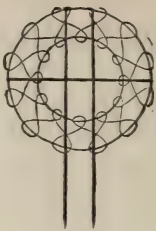

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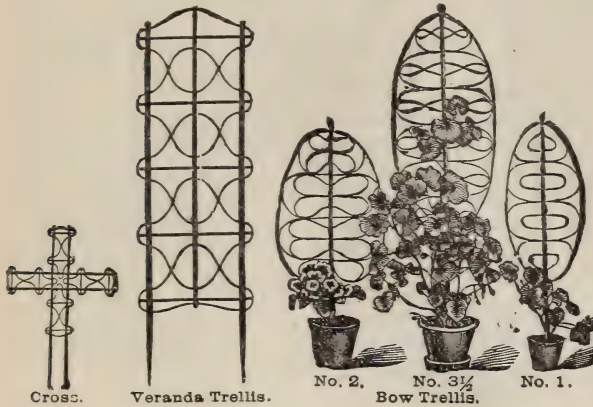
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No. 00, 18-in. stick, 3 1/2 in. wide			\$0.05 \$0.50	Fan Trellis.—1 1/2 ft.		\$0.10 \$1.00
" 00 wide, 20-in. stick, 8 in. wide			.08 .75	" 2 "		.15 1.50
" 0, 24-in. stick, 5 in. wide			.08 .75	" 2 1/2 "		.20 2.00
" 0 wide, 24-in. stick, 8 in. wide			.10 1.00	" 3 1/2 " x 21 in.		.50 5.00
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Special Offer No. 3 only applies to goods on this page.

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Inside Measurement, width and depth equal. Packing charged extra.

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Size.	Price per doz.	Price per 100.	Size.	Price per doz.	Price per 100.	Size.	Price per doz.	Price per 100.
3 in.	\$0.15	\$1.15	8 in.	\$1.50	\$11.25	13 in.	\$8.00	\$60.00
4 "	.25	1.75	9 "	2.15	16.00		Each.	
5 "	.45	3.20	10 "	2.90	21.50	14 "	\$0.90	
6 "	.65	4.80	12 "	5.40	40.00	15 "	1.20	
7 "	1.10	8.00				18 "	2.40	

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4 "	.20	1.45	9 "	.85	6.40		Each.	
5 "	.25	1.85	10 "	1.10	8.00	14 "	\$0.20	
6 "	.30	2.40	12 "	1.60	12.00	15 "	.25	
7 "	.45	3.20				18 "	.40	

FERN PANS.

Size.	Pots. Per doz.	Saucers. Per doz.	Size.	Pots. Per doz.	Saucers. Per doz.
4 x 1 1/8 in.	\$0.40	\$0.25	7 x 2 3/8 in.	\$0.85	\$0.50
4 3/4 x 2 1/8 "	.50	.30	8 x 3 1/8 "	1.25	.75
5 1/2 x 2 1/4 "	.60	.40	9 x 3 1/4 "	1.50	1.00
6 1/4 x 2 1/2 "	.75	.45	10 x 4 "	1.70	1.25

ROUND SEED PANS.

Size.	Each.	Per doz.	Per 100.
6 in.	\$0.06	\$0.65	\$4.80
8 "	.10	1.10	7.25
10 "	.20	1.95	14.50
12 "	.25	2.70	20.00
14 "	.45	5.40	40.00

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Size.	Each.	Per doz.	Per 100.
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10 x 10	.35	3.60	28.00
12 x 12 x 2 1/4	.40	4.40	32.00
12 x 12 x 4	.50	5.40	40.00

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2 1/4 inches	\$0.05	\$0.25	\$2.20
2 1/2 "	.07	.30	2.40
3 "	.08	.45	3.90
3 1/2 "	.10	.60	5.15
4 "	.15	.80	6.90
5 "	.20	1.20	10.35
6 "	.25	1.65	14.55

Not less than one thousand at thousand rate.

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No.	Dia.	Deep	Each
1	28	x 22	\$5.00
2	26	x 20	4.25
3	24	x 18 1/2	3.50
4	22	x 17	3.00
5	20	x 16	2.50
6	18 1/2	x 15	2.00
7	16 1/2	x 14	1.75
9	14	x 12	1.30

OAK PLANT TUBS.

Natural wood finish. These are strong, light, and thoroughly serviceable.

Size	Price
12 inches diameter, 11 inches high	\$1.15
14 " " 12 " "	1.30
16 " " 13 " "	1.65
18 " " 15 " "	2.00
20 " " 17 " "	2.25
24 " " 20 " "	2.65

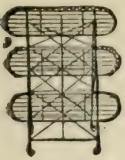
CYPRESS PLANT TUBS.

Made of Cypress, strongly hooped, iron handles, iron or wooden feet, durable and ornamental.

No.	Dia.	Deep	Each
1	13	x 11	\$0.75
2	14 1/2	x 13	1.25
3	16	x 15	1.75
4	20	x 18	2.25
5	24	x 21	2.75

See Special Offers on third page of cover.

Special Offer No. 3 only applies to articles on this page.



Wire, Folding. These are similar in appearance to the rigid and of equal capacity. When not in use they can be folded (see cut) and stored away in small space.

No. 20, 2 Trays, \$2.50; 3 Trays, \$3.25; 4 Trays, \$4.00.

Wood. Made of ash and varnished, half-circular shape, 3 shelves, 3 ft. 2 in. in height, each \$1.25; 4 shelves, 3 ft. 8 in. in height, each, \$1.75.

Wire Window Shelf. With adjustable steel brackets. 36 in. long, with brackets complete, \$1.00; each additional foot, 35 cts.



RUSTIC WORK.

Strongly made from Natural Roots and Knots.

Hanging Baskets.	8 in.	9 in.	10 in.	11 in.	12 in.
Each	\$0.75	\$0.85	\$1.00	\$1.25	\$1.50
Window Boxes.	18 in.	24 in.	30 in. long.		
Each	\$1.40	\$2.00	\$2.75		
Hexagon Stands.	Height 26 and 31 inches.				
Diameter		16 in.	20 in.	24 in.	
Each		\$2.50	\$3.50	\$4.50	
Oblong Stands.	Height	Length	Each		
	24 in.	28 in.	31 in.		
	18 in.	24 in.	28 in.		
	\$3.00	\$3.50	\$6.00		
Arm Chair.	No. 3.	Each			\$6.50
Rustic Settee.	Length of seat	2½ ft.	3½ ft.	4½ ft.	
	Each	\$5.50	\$7.50	\$10.00	

Any special size or design made to order.



MISCELLANEOUS REQUISITES.

Baskets, Pansy or Verbena, Marston's Pattern. Wood or wire handles, standard size, 10 in. long, 5 in. wide, 3 in. deep, per 100, \$2.00; per 1,000, \$18.00. Large size, 12 in. long, 7 in. wide, 3 in. deep, per 100, \$3.00; per 1,000, \$25.00.

Brushes, Flat Paint. For applying tree ink, and general use. Thoroughly well made and of good material. 3½ in. wide, 25 cts. each.

Caps, Hay, Breck's Improved, brown, medicated, complete with ropes and pins, 50 cts. each; \$45.00 per 100.

Color, Improved Butter. Wells, Richardson & Co.'s imparts the "golden tint of June" to butter at all seasons of the year. Bottles sufficient for 500 lbs., 25 cts.; 1,250 lbs., 50 cts.; 3,000 lbs., \$1.00.

Color, Hanson's Butter. A universal favorite. Bottles, 25 cts., 50 cts. and \$1.00 each.

Cotton Batting. For packing flowers, etc., per sheet, 6 cts.

Food, Breck's Flower. This preparation is perfectly odorless and clean to handle. It is the most concentrated, safest and effective plant food on the market. Soluble in water, and no trouble whatever to prepare for use. It promotes a healthy vigorous growth of wood, leaf and flower. Put up in two sizes—beautiful lithographed boxes.

No. 1, sufficient for 30 plants for one year, 25 cts.; by mail, 40 cts.

No. 2, sufficient for 30 plants for three months, 15 cts.; by mail, 20 cts.

Ferti-Flora. A highly concentrated plant food in liquid form. Very effective and applied without trouble. Per bottle 25 cts.

Food, Imperial Liquid Plant. This preparation is said to contain all the food necessary for a healthy growth. It is in a liquid form and will be appreciated by those who grow plants in the house. Per pt., 25 cts.; qt., 40 cts.



Glazing Points, Van Reyper Perfect.

The only durable and reliable points. Made of galvanized steel wire; no rights and lefts. Three sizes, Nos. 2, 2½ and 3. The Nos. 2 and 2½ are for general use; the No. 3 for extra heavy work. Price, per box of 1,000, 60 cts. Pincers for driving same, 40 cts.

Krop Kollar, Faye's Patent.

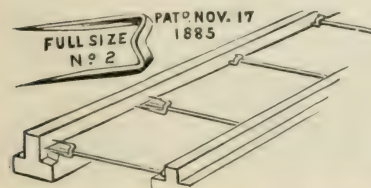
This is one of the simplest, yet most useful articles that has been offered the gardener and farmer for the protection of early crops from cut worms, cold winds and frosts. It consists of a flexible fibre-board collar that can be quickly adjusted around plants, a glass roof easily fastened on, and a shutter for use in extra cold weather. We believe it will prove of great value for protecting corn, melons and other early or tender plants. Net prices, dozen, 70 cts.; 100, \$5.00.



Labels. Zinc and Indelible Ink. When indelible ink is used on zinc labels, a practically indestructible and always readable label is assured.

Nos.	1	2	3	5	6	7	8	13	14	15
Price per 100	\$2.00	1.30	1.70	1.70	1.60	.90	1.30	1.00	.75	1.00
Small Bottle Ink				\$0.20						\$0.35

See Special Offers on third page of cover.



Special Offer No. 3 only applies to articles on this page.

Labels, Wood, for Pots, Garden and Trees.

	Per 100.	Plain. Per 1,000.	Painted. Per 1,000.		Plain. Per 1,000.	Painted. Per 1,000.
4 in. Pot Labels . . .	\$0.10	\$0.50	\$0.60	3½ in. Tree Label (iron wired)	\$0.75	\$1.00
4½ " " " . . .	.10	.55	.70	3½ " " (copper wired)	1.00	1.25
5 " " " . . .	.10	.60	.85	8 " Garden Label . . .	2.50	3.00
6 " " " . . .	.15	.75	1.00	12 " " " " . . .	4.00	4.50
3½ " Tree Label (pierced) .	.10	.60	.80			

Mastica. For glazing greenhouses, new or old. The use of Mastica avoids the necessity of frequent reglazing. It can be used to bed in or on the outside, with a machine, one gallon will cover about 290 running feet (one side.) Gallon cans, \$1.25; half gallons, 65 cts. *Net.*

Machines for applying Mastica, \$1.00 each.

Mats, Archangel. An excellent light covering for frames, hotbeds, etc., 75 cts. each.

Mats, Straw, for hotbeds, etc., 6x6, \$1.50 each. Other sizes to order.

Paper, White. For packing flowers, etc., per lb., 10 cts.

Paper, Waxed, for packing flowers, etc., per lb., 30 cts.

Paper, Wrapping. Strong manilla, per lb., 8 cts.

Paper, Tarred, for using with tree ink, in rolls about 50 lbs., per lb., 4 cts.

Pencils. Wolff's Indelible Garden. For writing on wood labels, with point protector, each 20 cts.; doz., \$2.00.

Protectors, Arlington Plant. Protects from bugs, borers and fowls, also subdues wind, rain and cold, 15 cts., each; doz., \$1.50.

Protecting Cloth for Hot Beds. Used as a substitute for glass for protecting plants in early spring, in pieces of 40 yards, 10 cts. per yard.

Putty Bulbs. A simple and useful device for applying putty to sashes, \$1.00 each.

Roffea. A strong and cheap material for tying plants, etc., per lb. 25 cts.

Silkaline. Used for growing smilax and asparagus on, also for tying in bouquet work, per reel 25 cts.; per lb. \$1.25.

Sprinkler, "Ladies Favorite." This the most practical sprinkler yet offered to use on house plants, cut flowers or for the laundry. Each, 75 cts.

Sprinklers, Scollay's Rubber. An indispensable article for showering plants, sprinkling bouquets, dampening clothes, etc.; three sizes, 50 cts., 75 cts., and \$1.00 each.

Sashes for Hot Beds. Extra well made from thoroughly seasoned lumber, frame 1½ in., 3x6 ft., \$2.65; 1¾ in., 3x6 ft., \$2.80 each. Unpainted and unglazed

sashes, from \$1.60 to \$1.75 each.

Sieves, Wire. For preparing potting soil, sifting loam, gravel, etc., from 16 to 20 inches diameter, \$1.00 to \$1.75 each.

Stakes, Cane. These are light, strong and durable. They vary in length from 6 to 10 ft. Florists use them much, and cut them to any desired length. \$1.00 per 100; \$4.00 per 500.

Stakes, Unpainted Hardwood. These are smooth, clean, light, strong and durable, much used for staking carnations, chrysanthemums, etc. 2 ft., per 100, 25 cts., per 1000, \$1.75; 3 ft., per 100, 30 cts., per 1000, \$2.25; 4 ft., per 100, 45 cts., per 1000, \$3.25.

Stakes, Hollyhock. Green painted, extra heavy, 6 ft., each, 12 cts.; doz., \$1.25; 100, \$10.00.

Stakes, Galvanized Iron Wire. Useful for pot plants and for carnations, etc., in benches. 2 ft., per 100, \$1.00, per 1000, \$9.00; 3 ft., per 100, \$1.20, per 1000, \$11.00.

{ Soil, Prepared Potting, Rotted Fibrous Peat, Leaf Mould. 50 cts. per pk., \$1.00 per bu., \$2.00 per bbl. }
{ Sphagnum Moss. \$1.00 per bu., \$2.00 per bbl. Not subject to special offers. }

Support, Excelsior Wire Carnation. Made in two pieces, no loose rings to annoy, adjustable from 12 to 20 in. in height, per 100, \$3.00; per 1,000, \$25.00.

Supports, Square, Wood, Tomato. Knock down readily for storing, per doz., \$1.25.

Support, "Two Hoop" Wood Tomato. Strong, light, practical, quickly set in position and can be stored from season to season in a small space. Per doz., \$1.00.

Support, "Tie Joint" Tomato. These supports are made of four upright and eight cross pieces of wood that are easily set and retained in position. They are durable, and can be stored away like so many canes when not in use. Per doz., \$1.75.

Supports, Wood and Wire, Tomato. Uprights of hard wood. Two wire rings. When not in use they fold compactly for storage. Each, 20 cts.; doz., \$1.75.

Tape, Electric. Exceedingly useful for mending Rubber Hose. It is a strong, adhesive ribbon, three-quarters of an inch wide, can be wound tightly around a leaking part and thus stop it. Per coil, 25 and 50 cts.

Tinfoil. For bouquets. Per lb., 15 cts.

Twine. Soft, for tying cut flowers, vines, etc. Per ball, 25 cts.

Twine, Parceling. All sizes. Per ball, 10 to 25 cts.

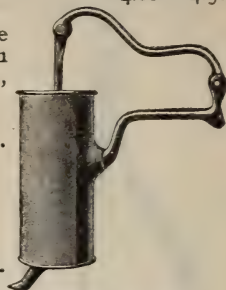
Wax, Grafting. (Trowbridge's.) The best in the market. This brand should not be confounded with the many cheap makes now offered, that are not possessed of an even consistency, and give unsatisfactory results. Put up in 1 lb., ¼ lb., and ½ lb. pkgs., price 40 cts., 25 cts., and 15 cts., respectively.

Wire, Bouquet. Bright, cut in lengths of 9 and 12 inches, in boxes of 12 lbs. (one stone) each.

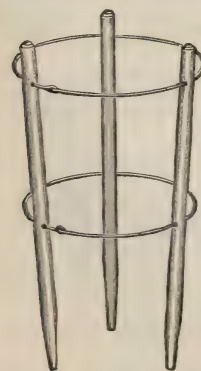
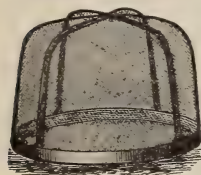
Per box, either length, Nos. 20, 21 and 22 . . . \$1.35
" " " 23 and 24 . . . 1.50
" " " 25 . . . 1.60

Per box, either length, No. 26 . . . \$2.00
" " " 34 . . . 2.50

See Special Offers on third page of cover.



Mastica Machine.



SPRAYING CALENDAR.

This calendar, in a concise way, gives our friends the benefit of the many experiments made by the Agricultural Colleges of the country for a number of years. It is believed they can be followed without danger to the crops and much profit to the grower.

The number of applications given in each case has particular reference to localities in which fungous and insect enemies are most abundant. If the crops are not affected at the time advised, the spraying is unnecessary. Know the enemy and the remedy, and apply them at the proper season, keeping in mind the fact that good judgment and prompt and persistent action is more necessary to success than any definite rules.

The applications to which an asterisk * is prefixed are of most importance.

PLANT.	First Application.	Second Application.	Third Application.	Fourth Application.
Apple. Scab, codlin moth, bud moth.	When buds are swelling, copper sulphate solution.	*Just before blossoms open, Bordeaux. For bud moth, Arsenites when leaf buds open.	*When blossoms have fallen, Bordeaux and Arsenites.	8-12 days later, Bordeaux and Arsenites.
Cabbage. Worms, aphid.	*When worms or aphid are first seen, Kerosene emulsion.	7-10 days later, if not heading, renew emulsion.	*7-10 days later, if heading, hot water 130° F.	Repeat third in 10-14 days if necessary.
Carnation. Rust and other fungous diseases, red spider.	*When rust is first noticed, Bordeaux. Kerosene emulsion when red spider is first seen.	*For rust repeat first in 10-14 days. For red spider repeat in 3-4 days.	Repeat second, using the Ammoniacal carbonate of copper if plants are in bloom.	Repeat second as before if necessary.
Cherry. Rot, aphid, slug.	As buds are breaking, Bordeaux; when aphid appears, Kerosene emulsion.	When fruit has set, Bordeaux. If slugs appear, dust leaves with air-slaked lime. Hellebore.	10-14 days, if rot appears, Bordeaux.	10-14 days later, Ammoniacal copper carbonate.
Currant. Mildew, worms.	*At first sign of worms, Arsenites.	*10 days later, Hellebore. If leaves mildew, Bordeaux.	If worms persist, Hellebore.	
Gooseberry. Mildew, worms.	*When leaves expand, Bordeaux. For worms, as above.	*10-14 days later, Bordeaux. For worms, as above.	*10-14 days later, Ammoniacal copper carbonate. For worms, as above.	*10-14 days later repeat third.
Grape. Fungous diseases, flea beetle.	In spring when buds swell, copper sulphate solution. *Paris green for flea beetle.	*When leaves are 1-1½ inches in diameter, Bordeaux. Paris Green for larvæ of flea beetle.	*When flowers have fallen, Bordeaux. Paris Green as before.	*10-14 days later, Bordeaux.
Nursery Stock. Fungous diseases.	*When first leaves appear, Bordeaux.	*10-14 days, repeat first.	10-14 days, repeat first.	10-14 days, repeat first.
Peach Nectarine Apricot. Rot, Mildew.	*Before buds swell, copper sulphate solution.	Before flowers open, Bordeaux.	*When fruit has set, Bordeaux.	*When fruit is nearly grown, ammoniacal copper carbonate.
Pear. Leaf blight, scab, psylla, codlin moth.	As buds are swelling, copper sulphate solution.	*Just before blossoms open, Bordeaux. Kerosene emulsion when leaves open for psylla.	*When blossoms have fallen, Bordeaux and Arsenites. Kerosene emulsion if necessary.	*8-12 days later, repeat third.
Plum. Fungous diseases, curculio.	*During first warm days of early spring, Bordeaux for black knot. When leaves are off in the fall, Kerosene emulsion for plum scale.	*When buds are swelling, Bordeaux for black knot and other fungous diseases. During mid-winter, kerosene emulsion for plum scale.	*When blossoms have fallen, Bordeaux. Begin to jar trees for curculio. Before buds start, Kerosene emulsion for plum scale.	*10-14 days later, Bordeaux. Jar trees for curculio every 2-4 days. For San Jose scale, Kerosene emulsion when young appear spring and summer.
Potato. Scab, blight, beetles.	*Soak seed for scab in corrosive sublimate solution, 2 oz. to 16 gals. of water, for 90 minutes.	*When beetles first appear, Arsenites.	*When vines are two-thirds grown, Bordeaux. Arsenites for beetles if necessary.	10-15 days later, repeat third.
Raspberry. Blackberry. Dewberry. Anthracnose, rust.	Before buds break, copper sulphate solution. Cut out badly diseased canes.	During summer, if rust appears on leaves, Bordeaux.	Repeat second if necessary.	*Orange or red rust is treated best by destroying entirely the affected plants.
Rose. Mildew, black spot, red spider, aphid.	For mildew. *Keep heating pipes painted with equal parts lime and sulphur mixed with water to form a thin paste.	For black spot. *Spray plants once a week with Ammoniacal copper carbonate, using fine spray.	For red spider. *Spray plants twice a week with kerosene emulsion. Apply to under side of foliage.	For aphid. *Spray affected parts with Kerosene emulsion when necessary.
Strawberry. Rust	*As first fruits are setting, Bordeaux.	As first fruits are ripening, Ammoniacal copper carbonate.	*When last fruits are harvested, Bordeaux.	Repeat third if foliage rusts.
Tomato. Rot blight.	At first appearance of blight or rot, under glass or out of doors, Bordeaux.	Repeat first if diseases are not checked.	Repeat first when necessary.	

For Aphides or Plant Lice use Kerosene Emulsion on all Plants.

See Special Offers on third page of cover.



INSECTICIDES AND FUNGICIDES.

For Spraying Pumps and Appliances see Hardware Catalogue.

Special Offer No. 3 only applies to articles on this page.

Arsenate of Lead. For spraying trees, etc. Does not burn the foliage. *Safer and more effective than Paris Green.* 20 cts. lb.

Aphus Punk, Nikoteen. A special preparation of nicotine for the extermination of green and black fly, thrip, etc., contains no ammonia and does not injure delicate plants. Per box of one dozen rolls (720 grains nicotine) 60 cts.

Black Death. A new preparation in powder form, ready to apply, cheap, safe and effective. Three years of unprecedented success wherever introduced all over the United States has proved "BLACK DEATH" to be an absolute annihilator of all insects, bugs or beetles that prey on vegetation. It positively *kills* Potato Bugs, Squash Bugs, Pumpkin Bugs, Water-melon Bugs, Rose Bugs, Currant Worms, Cabbage Worms, etc. It will kill all kinds of creeping things that eat the leaves of vegetables or plants. *Net Prices.*

1-lb. Packages.	\$0.05	25-lb. Packages.	\$0.75
3-lb. " . . . .	.13	50-lb. "	1.50
5-lb. " . . . .	.20	100-lb. Kegs	3.00
10-lb. " . . . .	.35	300-lb. Barrels	9.00
15-lb. " . . . .	.50		

Breck's Liquid Anti-Ants A preparation that destroys or drives away ants from lawns, trees, etc. 1/4 pt., 30 cts.; pt., 50 cts.

Breck's Anti-Ant Powder. A preparation in powder form that contains the same qualities as the preceding, and can be used indoors as effectively as on small plants, flower beds, etc. Per box, 30 and 50 cts.

Breck's Dalmation Insect Powder. ("Bubach.") Manufactured especially for us from clean, dried flowers. It is put up in air-tight packages and keeps its strength indefinitely. It is invaluable to the housekeeper for the destruction of flies, fleas, roaches, and other noxious insects. Packed in four sizes, 10, 15, 25 and 40 cts.

Bordeaux Mixture. Powell's. Ready for use by simply adding water. Bordeaux Mixture is, we believe, the best fungicide known, and is really a specific for the blight and other diseases attacking potatoes, tomatoes, grapes, apples, pears, etc. 1-lb. box makes 5 gallons spray, 20 cts.; 5-lb. box, makes 25 gallons spray, 75 cts.; 10-lb. box, makes 50 gallons spray, \$1.25; 25-lb. box, makes 125 gallons spray, \$3.00.

Bordeaux Mixture. French. In pulp form. One gallon makes 50 gallons spray, per gal., \$1.00; per 5 gals., \$4.50, per 10 gals., \$8.00.

Bordeaux Mixture. Lenox Brand. A liquid form. One gallon makes 50 gallons spray, per gal., \$1.00.



Pat. March 16 and Nov. 9, 1897.

Pat. in Canada Nov. 2, 1897.

any yet offered to prevent the ravages of grubs, cankerworms, etc. It is applied in the same way as Tree Ink, and is more lasting and effective. 5-lb. cans, \$1.00; 10-lb. cans, \$1.75; 25-lb. cans, \$4.00; 50-lb. keg, \$6.75; 100-lb. keg, \$12.75; in barrels of about 250 lbs., per lb., 11 cts.

This article is higher in price than other preparations for the purpose but the long effectiveness of a single application compared with that of others makes it really the cheapest.

Carbolic Purifying Powder. For removing unhealthy odors. Small pkg., 25 cts.; 6-lb. pkg., \$1.00.

Carbolic, Crystallized. Per lb. bottle, 50 cts. *Net.*

Carbolic Solution. Per lb. bottle, 40 cts. *Net.*

Copperdine. Powell's. (A Paste.) A combined fungicide and insecticide, used simply by adding water in proportion of one pound of paste to 16 gallons of water. As a fungicide it prevents black rot, downy mildew and anthracnose of the grape, pear leaf blight, apple scab, mildew, pear cracking. As an insecticide it kills codling moths, curculio, pear insects, peach and apple borers, crown borers, leaf rollers. 1-lb. box, makes 16 gallons spray, 25 cts.; 5-lb. box, makes 80 gallons spray, \$1.00; 25-lb. box, makes 400 gallons spray, \$4.50.

Dip, McDougall's Sheep. An effective, non-poisonous preparation for killing vermin on sheep, cattle, and domestic animals. Per lb., 50 cts.; qt., 75 cts.; 1/2 gal., \$1.50; 1 gal. \$2.50.

Dip, Cooper's Sheep. A world-famous preparation, in powder form. It is easily carried, quickly prepared and most effective. Large pkg., sufficient to make 100 gallons, \$2.00; small pkg., to make 25 gallons, 50 cts.

See Special Offers on third page of cover.

Bug Death. (The prices quoted on this article are *net*, and not subject to either of our special offers.) A patented, *non-poisonous powder*, entirely different from anything yet offered for the purpose, and as effectual as Paris Green. It is sure death to the potato, squash and cucumber bugs, currant and tomato worms, also other plant and vine eating pests. If used according to directions injury cannot result to the most tender plants, and it has a tendency to assist growth. For potatoes a 12 1/2-lb. package is sufficient for an acre. 1-lb. box, 15 cts.; 3-lb. box, 35 cts.; 5-lb. box, 50 cts.; 12 1/2-lb. box, \$1.00; 100-lb. case, \$7.00.

Canker Worm Exterminator. (Morrill's Tree Ink.) A sure protection to trees from the ravages of grub and canker worms. Directions with each can.

2-lb. Cans	\$0.30	20-lb. Cans	\$2.00
3-lb. " . . . .	.45	28-lb. "	2.80
5-lb. " . . . .	.60	125-lb. Kegs, per lb. . . . .	.09
10-lb. "	1.10	460-lb. Barrels, " . . . .	.07

Caterpillar Lime. (Ermisch's Raupenleim.) This is a German preparation. Recommended by the Royal Ministry of Agriculture, and also by several U. S. Agricultural Experiment Stations as being superior to

Special Offer No. 3 only applies to articles on this page.

Disinfecting Powder, Searle's. A powerful deodorizer, in powder form. Per can, 25 cts.

For other Disinfectants, see **Carbolic, Oil of Tar, Sulpho-Naphthol, etc.**

Eciffo. A sure cure and prevention of water bugs, cockroaches, etc. Per tin, 50 cts.

Fir Tree Oil. Soluble. An invaluable preparation for destroying all insects and parasites that infest fruit trees, plants and animals, whether on the foliage or at the roots of the plants. Per gal., \$4.00; per qt., \$1.25; pt., 75 cts.; ½ pt., 50 cts.

Fir Tree Oil Soap. This article contains no poison, yet is quite effective in destroying red spider, mealy bug, aphids, etc. It can also be used in the garden against potato bugs, cabbage worms, currant worms, black fly, etc. ½-lb. tin, 25 cts.; 2-lb. tins, 75 cts.

Fostite. A light powder that can be evenly applied with a bellows; destroys mildew, black rot and rust. Per 5-lb. pkg., 60 cts.; 25-lb. box, \$2.50.

Fungiroid or Dry Bordeaux Mixture. In the form of a fine powder, applied with bellows or a shaker when the foliage is damp. Said to be as effective as the liquid preparation. 1 lb., 15 cts.; 5 lbs. 75 cts.

Fungiroid and Paris Green Compound. An insecticide and fungicide combined. Kills potato bugs and prevents blight, easily applied and desirable for fruit trees, etc. 1-lb. box, 20 cts.; 3-lb. box, 60 cts.

Grape Dust. Destroys mildew on grape vines. Can also be used in the garden for mould, mildew, or rust mites. 5-lb. pkg., 35 cts.

Hellebore. Breck's Pure Powdered. We furnish a guaranteed pure article, ground from fresh roots. It is easily applied either in liquid or powder form and destroys currant worms, rose slugs, etc. Each package has special directions for its effective use. Packed in three sizes, air-tight packages, 10, 15, and 25 cts. each.

Kill-M-Right. A soap that is specially prepared to be applied with the "Stott" sprayers. It destroys red spider, mealy bug, aphids, etc. 5-lb. tins, \$1.75; 10-lb. tins, \$3.25; 20-lb. tins, \$6.00.

Kerosene Emulsion. (A Paste.) Ready for use by simply adding water. This is strictly an insecticide for plant lice of all kinds, rose bugs, cabbage bugs, melon insects, fowl, human and animal lice, caterpillars, tobacco flies, peach lice, red spider, green fly and all sucking insects. 1-lb. can, makes 10 gallons spray, 15 cts.; 5-lb. can, makes 50 gallons spray, 60 cts.; 25-lb. can, makes 250 gallons spray, \$2.50; 300-lb. bbl., makes 3000 gallons spray, \$24.00.

Little's Antipest. A safe and sure preparation for the destruction of all insect pests, equally suitable for greenhouse, garden and orchard. Per pt., 60 cts.; qt., \$1.00; gal., \$2.50.

London Purple. For spraying fruit trees, potatoes, etc. 1 lb., 25 cts.

Lemon Oil. An oil that is readily soluble in water. It destroys insects and parasites of all kinds without injury to plants. Much used for palms and other ornamental foliage plants. Pt., 50 cts.; qt., 80 cts.; gal., \$2.25.

Nicotine Fumigating Compound. This liquid preparation is used for destroying green and black fly, thrip, mealy bug, red spider, etc. It may be used with every confidence in houses containing the most tender plants in full bloom, without the least damage to either foliage or flowers, and for this reason it is a great boon to growers of all kinds of tender plants, which are subject to the attacks of aphids. The vapor given off by the compound does not alter the natural color or scent of the flowers. 1 pt., for 32,000 cubic feet, \$2.50; ½ pt., for 16,000 cubic feet, \$1.25; ¼ pt., for 8,000 cubic feet, 70 cents.

Fumigators for Vaporizing. Stand, pan and lamp, 50 cents each.

Nikoteen. Packed in pint bottles; each bottle contains all the nicotine obtained from two hundred pounds tobacco stems. A cheap, clean, and safe insecticide. Pt. bottle, \$1.50.

Oil of Tar. Prepared from coal tar, and retains the carbolic acid of the tar in a harmless form. It mixes

with water in any proportion. It is a disinfectant perfect in action, agreeable in odor, non-poisonous, cheap and unsurpassed for use in the home, the stable, kennel, or wherever a disinfectant is required. Circulars detailing its many uses mailed free upon application. Qt., 25 cts.; ½ gal., 50 cts.; gal., \$1.00.

Paris Green and Fungiroid. Per lb., 20 cts.; 3-lb. box, 60 cts.

Paris Green, Breck's Guaranteed Pure. ¼ lb., 10 cts.; ½ lb., 15 cts.; 1 lb. 30 cts.

Quassaine. (A Paste.) Ready for use by adding water. This article is a non-poisonous insecticide, a specific for San Jose scale, red spider, aphids, hop lice, borers and scale insects of all kinds. 1-lb. can, makes 25 gallons spray, 25 cts.; 5-lb. can, makes 125 gallons spray, \$1.25.

Slug Shot. Not only acts as an insect destroyer, but it will be found to be an excellent fertilizer. It contains nothing injurious to domestic animals, and does not deteriorate by age. On low-growing plants it should be dusted on with a very fine sifter. On tall shrubs and trees it should be applied with bellows. Price, 5-lb. pkg., 30 cts.; 10-lb. pkg., 50 cts.; in barrels of about 225 lbs., per lb., 4½ cts.

Soap, Pinner's Tobacco. Manufactured from the essential oil of tobacco, for the destruction of all insects, parasites and their eggs. Per lb., 50 cts.; ½ lb., 30 cts.

Soap, Whale Oil. For destroying insects on plants, trees, vines, etc., for washing down the bark of trees, grapevines, etc. In boxes, 1-lb., 15 cts.; 3½-lb., 35 cts.; in buckets of about 14 lbs., \$1.75.

Soap, Sulpho-Tobacco. Rose's Perfected. Does perfect work on all insects affecting flowers, trees and animals. In tin boxes, sufficient for 10 gals. of water, 20 cts.; 10-lb. box, \$3.00.

Soap, Permcol-Kerosene. This soap contains 25% of kerosene oil, and although solid in all ordinary temperatures it is quickly soluble in any desired proportion of water. It combines the properties of a "Resin Wash" and "Kerosene Emulsion." It destroys scale of every kind, aphides or active plant lice, and all sucking insects. 1 lb. makes from 16 to 40 gallons wash or spray, according to the enemies to be overcome. Full directions for its use accompany each package. 1-lb. pkg., 25 cts.; 25-lb. pkg., 15 cts. per lb.; 50-lb. tubs, 13 cts. per lb.

See Special Offers on third page of cover.



NIKOTEEN

A LIQUID INSECTICIDE

Special Offer No. 3 only applies to articles on this page.

Soap, Permoll-Copper. This preparation contains copper in a form practically soluble in water, until thoroughly dried. In using it for *mildew, rust, smut*, and such fungi a strength of 1-lb. to 30 gals. of water is recommended. Do not dissolve it in iron or zinc utensils. 1-lb. tins, 75 cts.; 10-lb. tins, 65 cts. per lb.

Spanish Pink. A safe and effective article for the destruction of cabbage and web-worms, caterpillars, and other chewing insects that affect cabbage, squash, cucumbers, melons, etc. Non-poisonous. 35 cts. per lb.

Sulphate of Copper. (Blue Stone). Per lb., 10 cts. *Net.*

Sulphur, Flowers of. Used to prevent and cure mildew on plants. 8 cts. per lb.; \$6.00 per 100 lbs. *Net.*

Tobacco Extract. Black Squall Brand. Pure, highly concentrated; hydrometer test, after Beaume's scale 40 degrees, temperature 60 degrees Fahrenheit, being of uniform strength, is always effective. It can be applied by vaporizing or spraying. It effectually destroys green fly, red spider, and scale. Per pt., 25 cts.; per qt., 40 cts.; per gal., \$1.00; 5 gals., \$4.00.

Tobacco Extract. Rose Leaf Brand. A perfectly pure, aqueous extract, highly concentrated and always uniform in strength of nicotine poison. Destroys green fly, mealy bug, red spider, and scale. Pts., 25 cts.; qts., 45 cts.; 1 gal., \$1.10; 5 gals., \$4.50.

Tobacco and Sulphur Powder. Prevents and cures mildew. Kills green and black fly and other insects. 10 cts per lb.; \$6.00 per 100 lbs.

Tobacco Dust. Very finely pulverized. A valuable insecticide and fertilizer. 5 cts. per lb.; \$2.50 per 100 lbs. *Net.*

Tobacco Stems. For fumigating. If used as a mulch around sweet peas and other plants they prevent the destructive work of the wire and cut worms. \$1.00 per bbl.; \$2.50 per bale.

XL-All Liquid Insecticide. For syringing, spraying, dipping, or sponging. Destroys all insects, especially effective against mealy bug and red spider. Can be used without injury in graperies, even when the fruit is in an advanced stage of growth. Pt., 65 cts.; qt., \$1.00.

XL-All Vaporizing Compound. This is an English preparation, that at the first glance has a high-priced appearance. The safety with which it can be used, its never-failing effectiveness and the ease with which it can be applied as an insecticide, places it at the head of the first rank. It is cheaper, results considered, than any other vaporizing compound, and there is no other like it. Its action is positive on *Mealy Bug, Thrip, and all kinds of Aphis*. Price per bottle No. 1, \$8.25; No. 2, \$4.50; No. 3, \$2.25; No. 4, \$1.15. The smallest bottle is sufficient to fumigate 5,000 cubic feet.

Fumigators. With lamp for vaporizing: large, \$1.00; medium, 85 cts.

TOUGH ON FLIES.

This is the original preparation for the purpose of preventing insects attacking horses, cattle, and other domestic animals. We have sold it for ten years; each year with largely increased sales. We confidently recommend it, as experience has proved it to be as represented, in every particular. Harmless and effective.



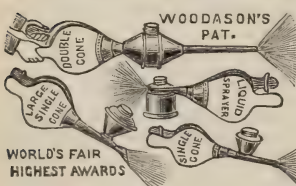
One application instantly and positively relieves horses and cattle from all annoyance from *Green Heads*, the dreaded *Texas Heel Fly* as well as from other flies, gnats and insects of every description for at least twenty-four hours. It improves the coat of the animal and abolishes the use of fly nets. It prevents thrush and other hoof diseases. It is soothing and healing if applied to sores, and stands unrivalled as a disinfectant. Applied to cows, its wonderful effect in securing for them perfect rest and a chance to feed in peace quickly manifests itself in their improved appearance and by the increased quantity of milk given. It is the greatest compound of this progressive age. Recommended by thousands using it. One gallon lasts four head of horses or cattle an entire season. Price of "Tough-on-Flies": Qt. cans, 50 cts.; ½ gal. cans, \$1.00; 1 gal. cans, \$1.50, and five gal. cans, \$1.40 per gal.

VICTOR FLY DRIVER.

Safe to use, thoroughly effective and cheaper than any other first class preparation for the purpose on the market. Put up in 1 gal. cans only. Price 75 cts.

INSECTICIDE DISTRIBUTORS.

For spraying apparatus, pumps, etc. See our large Implement Catalogue, 384 pages, free to customers.



Bellows, Woodason's, for Liquid and Powder. These are really high-grade goods that will, with proper care, last many years and do satisfactory work.

Small Single Cone for applying powder, each	\$1.25
Large " " " " " "	2.25
Double Cone " " " " " "	3.25
Sulphur Bellows, each	1.75
Large Liquid Spraying, each	2.25
Medium Liquid Spraying, each	1.75
Small " " " " " "	1.25

Bellows, Houchin's Insect Powder. Strongly made of good material. These will be found very serviceable for applying insecticides in powder form.

No.	Each	No. 16, holds 6 oz. powder, Each
No. 9, holds 2 oz. powder, \$0.50		\$1.10
" 11, " 3 " " .75		1.25
" 14, " 4 " " .90		1.50



See Special Offers on third page of cover.

Dusters, Tin. These have finely perforated bottoms for applying Paris Green, Slug Shot, etc. 20 cts. each. *Net.*

Gun, Excelsior Powder. For applying insect powders, etc. 15 cts. each.

Cyclone Powder. 15 cts. each.

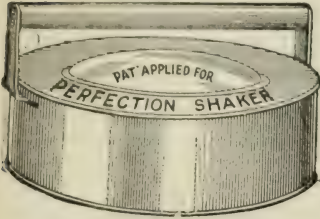
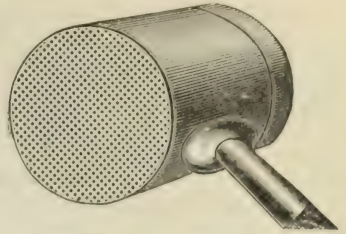
Blizzard Powder. 10 cts. each.

Powder Puff, Scollay's Insect. This

is a large, strong rubber bulb, with long metal neck and distributor set at an angle that enables the operator to apply either powder or liquid over or under the leaves. \$1.00 each.

Shaker Perfection Powder. This is well named "Perfection," for it is the most perfect and easiest to use of any shaker yet offered. It was gotten up especially to apply Bug Death, but it will be found useful for applying Plaster Dust, Paris Green and Plaster or any other powder. The bottom is made of copper and finely perforated. The powder is distributed by a swinging, semi-circular motion. Each, 65 cts. *Net.*

Special Offer No. 3 only applies on above goods.



FERTILIZERS.

BRECK'S LAWN AND GARDEN DRESSING.

The verdict of all who have used Breck's Lawn and Garden Dressing is that it is the most complete and satisfactory Lawn Dressing ever placed upon the market. It is manufactured expressly for us and we vouch for its containing all the constituents required to produce a luxuriant growth. We believe beyond a question that ours is the only absolutely odorless Lawn Dressing. It is also so clean that the most fastidious person can apply it without offending the organs of sight and smell. It being quick in action, the effect can be seen immediately after the first rain or the sprinkling of the hose, and going directly to the roots of the grass, stimulates them to greater activity, thereby thickening the sward and producing a finer growth, which remains rich, green and velvety throughout the season. Its superiority over stable manure can scarcely be estimated, as the latter, in addition to disfiguring the lawn by its unsightly appearance, also gives out an unpleasant odor, and always contains weeds and other undesirable seeds. Great care should be taken to distribute the dressing evenly, and in no greater quantities than recommended on the tag which accompanies each bag, as a too liberal application will injure the sward. It can be applied at any time during the year, from April to November, as often as the grass seems to need nourishment. In making new lawns apply at the same time the seed is sown and rake in with the seed. Never apply the dressing while the grass is wet with dew or rain. Any time the grass is perfectly dry will answer, but the best time to apply it is just before a shower. It is equally as suitable for flower beds and all vegetable crops as for the lawn.



FOR LAWNS.

Trial bag for 1,000 square feet . . .	\$0.50
" " 2,500 " . . .	1.00
50-lb. bags for 5,000 sq. ft. . . .	1.75
100-lb. " 1/4 acre	3.00

FOR FLOWER BEDS AND THE KITCHEN GARDEN.

25-lb. bags for 600 square feet . . .	\$1.00
50-lb. " 1,200 " . . .	1.75
100-lb. " 2,500 " . . .	3.00
200-lb. " 1/2 acre	5.50

BRECK'S MARKET GARDEN MANURE.

Not subject to either of our special offers, but a discount of 5% may be deducted when cash accompanies order.

A high grade, properly balanced, chemical fertilizer that is especially recommended to market gardeners and farmers for potatoes and all vegetable crops. We sold large quantities of it last year, and already we have had many testimonials, also increased orders from those who had it for use this Spring. *It is beyond a question the best value offered in Chemical Fertilizers.* 50 lbs., \$1.00; 100 lbs., \$1.70; ton, \$32.00.

PERUVIAN GUANO.

For a number of years there has been some difficulty in obtaining a desirable grade of this article. When a good quality is to be had there is much satisfaction resulting from its use, especially on early vegetables and quick growing crops. We have made arrangements with the importer of the *best brand* that sells so freely in Britain and offer our patrons the *genuine "Peruvian"* in original bags.

Per ton, \$50.00; per 100 lbs., \$3.00 net.

UNLEACHED HARD WOOD ASHES.

Our trade in this valuable fertilizer has grown to such an extent that we have for a number of years had an experienced agent employed in Canada collecting the purest, driest and choicest grade of Hard Wood Ashes that is obtainable. We guarantee the percentage of potash and to insure against too much water we accept none that contain more than 12 per cent moisture. *We quote special prices on car loads in bulk delivered anywhere.* Price per ton, in barrels, f. o. b. Boston, \$15.00 net; per barrel, f. o. b. Boston, \$2.00 net.

See Special Offers on third page of cover.

SHEEP MANURE.

Much of the *material* now offered as sheep manure is of no more value than good soil, the active and actual plant food having been leached through exposure to the atmosphere for years. The sheep manure we sell is not a played out product from the West, but a guaranteed fresh and pure natural manure, in good mechanical condition and nutritious food for plants. Its effect is immediate. It is the best of all manures for mixing with the soil for greenhouse plants—one part manure and six parts soil. Price, in bags of 100 lbs. each, \$2.00; per ton, \$35.00. Sheep manure is net f. o. b. Boston.

BRECK'S VEGETABLE FIBRE.

A chemically prepared vegetable fibre, rich in plant food. Its peculiar character especially adapts it to induce root growth and cause healthy, vigorous plants. For potting bulbs use one-third Breck's Fibre to two-thirds of the usual soil preparation and you will be surprised at the results. Breck's Fibre is unsurpassed as a medium in which to sprout seeds. Price, 5 lbs., 30 cts.; 15 lbs., 50 cts.; 25 lbs., 75 cts.; 50 lbs., \$1.00; 100 lbs., \$1.50.

Imperial Liquid Plant Food, Chemicals For.

The manufacturers of the already popular Imperial Liquid Plant Food now offer the chemicals in dry form as follows: In packages containing Making Imp. Liquid Plant Food. Making when diluted and ready for use. Prices.

11 oz.	1 gal.	50 gal.	Prices.
55 "	5 "	250 "	\$ 0.25
110 "	10 "	500 "	1.00
330 "	30 "	1500 "	1.60
1100 "	100 "	5000 "	4.50
			13.00

Full directions, etc., with each package. These "Chemicals" are dry and powdered solids, dissolve easily in water and the solutions are made by the grower himself.

SCOTCH SOOT.

This is much used by florists and gardeners, both as a fertilizer and fungicide. Mixed with Flowers of Sulphur (two-thirds soot, one-third sulphur), there is nothing better to prevent and cure mildew. Used as a fertilizer, either in the dry state or in liquid, it quickly promotes growth, and heightens the color of both flower and foliage. Per 100-lb. bag, \$2.50; 25-lb. bag, \$1.00, net.

CHEMICALS.

Net f. o. b. Boston. Prices subject to change.

	Ton.	100 lbs.
Dried Blood, 14 per cent ammonia,	\$45.00	\$2.50
" " 12 " "	36.00	2.00
Fine Ground Tankage, 9 to 10 per cent ammonia, 15 to 20 per cent bone phosphate,	32.00	1.75
" " 6 to 7 " " 30 to 35 " "	27.00	1.50
Sulphate of Ammonia, 24.75 to 25.25 per cent ammonia,	67.50	3.75
Nitrate of Soda, 94 to 96 per cent purity, 18 to 20 per cent nitrogen, estimated as ammonia,	42.00	2.50
Dry Ground Fish, 9 to 11 per cent ammonia, 15 to 20 per cent bone phosphate,	35.00	2.00
Dissolved Bone, 2 to 3 per cent ammonia, 12 to 14 per cent phosphoric acid,	27.00	1.65
Dissolved Bone Black, 15 to 18 per cent phosphoric acid,	18.00	1.10
Plain Superphosphate, 12 to 15 per cent phosphoric acid,	15.00	1.00
Ground S. C. Phosphate, 57 to 62 per cent bone phosphate,	15.00	1.00
Muriate of Potash, 80 to 85 per cent muriate of potash, 50 to 55 per cent actual potash,	42.00	2.35
High Grade Sulphate of Potash, 90 to 95 per cent sulphate of potash, 50 to 52 per cent actual potash,	45.00	2.50
Double Sulphate of Potash and Magnesia, 48 to 52 per cent sulphate of potash, 35 to 40 per cent sulphate of magnesia, and not over 2.50 per cent chlorine, 26 to 28 per cent actual potash,	27.00	1.50
Sylvinit,	15.00	1.00
Kanit, 23 to 25 per cent sulphate and muriate of potash,	13.00	1.00
Sulphate of Magnesia (Keiserite), 50 to 55 per cent sulphate of magnesia	15.00	1.00
Sulphuric Acid, 100 to 130 lbs. in carboy. (Carboys extra, \$1.50 each)		2.25
Land Plaster, Fine Ground, 200 lb. bags,	8.00	.50
" " 100 lb. bags,	8.50	.50
Plaster Dust, 5 lb. box, 15 cts.; 25 lb. bag, 50 cts.; barrels of about 150 lbs., \$2.00 net.		

All fertilizing materials NET, F. O. B. BOSTON, except as noted.

FINE GROUND FERTILIZER BONE.

We have a high grade of this valuable fertilizer specially prepared for us. It is useful for all crops but especially for grass lands and Fruit Trees. Per 50-lb. bag, \$1.00; 100-lbs., \$1.70; per ton, \$30.00, net F. O. B. BOSTON.

STOCKBRIDGE MANURES AND BOWKER'S PHOSPHATE.

These goods are so well known in New England that any remark from us regarding them is uncalled for.

Stockbridge Potato Manure, for one acre without stable manure, 1000 to 1500 lbs. }	\$1.90 per 100 lbs.; \$37.00 per ton.
Stockbridge Corn Manure, " " " 600 to 1200 lbs. }	
Stockbridge Grass Manure, Top Dressing, " " " 300 to 600 lbs. }	

See Special Offers on third page of cover.

STOCKBRIDGE MANURES AND BOWKER'S PHOSPHATE.—Cont.

Stockbridge Seeding Down Manure, 1 acre without stable manure,	600 to 800 lbs.	} Stockbridge Special Manures. \$1.90 per 100-lb. bag. 37.00 per ton.
Stockbridge Vegetable Manure, " " "	1000 to 2000 lbs.	
Stockbridge Fruit Manure, " " "	1000 to 2000 lbs.	
Stockbridge Root Manure, " " "	600 to 1500 lbs.	
Stockbridge Asparagus Manure, " " "	1200 to 2000 lbs.	
Stockbridge Celery Manure, " " "	1500 to 2000 lbs.	
Bowker's Hill and Drill Phosphate. Per 50-lb. bag, \$1.00; 100-lb. bag, \$1.70; per ton, \$32.00.		

The prices are NET F. O. B. BOSTON, and not subject to our special offers; but a discount of five per cent may be deducted when cash accompanies order.

MAPES MANURES.

These Manures and Superphosphates are fine, dry, in superior mechanical condition for use in machine drills, or for application by hand. They are free from stickiness and dampness. Packed in bags weighing 200 lbs. each.

Each bag is plainly branded, besides having a tag attached, upon which is printed the *Guaranteed Analysis and full directions for use.*

The basis of the Mapes Manures is Bone; no Rock used.

We are the sole Boston Agents, also for some other New England sections. Pamphlets giving full information in regard to the Manures mailed free.

Our special offers do not apply to Mapes Manures, but we allow five per cent discount for cash payments. F. O. B. Boston.

Potato Manure. Ammonia, 4.50 to 5 per cent; phosphoric acid, 8 to 10 per cent (soluble and available, 8 per cent); soluble potash, actual, 6 to 8 per cent, all as high grade sulphate and in forms free from muriates (or chlorides); magnesia, lime, etc., 77 to 81 per cent. For Irish and sweet potatoes, also for asparagus, early vegetables, tomatoes, sugar beets, fruits, sorghum, sugar cane, sweet corn, etc. Per bag of 200 lbs., \$4.00; three bags and over, \$39.00 per ton.

Economical Potato Manure. Ammonia, 4 to 5 per cent; phosphoric acid, 6 to 8 per cent, (soluble and available, 4 to 5 per cent); soluble potash, actual, 8 to 10 per cent, all as high grade sulphate and in forms free from muriates (or chlorides). Per bag of 200 lbs., \$3.70; three bags and over, \$36.00 per ton.

Fruit and Vine Manure. Ammonia, 2 to 3 per cent; phosphoric acid, 7 to 9 per cent, (soluble and available, 5 to 7 per cent); soluble potash, actual, 10 to 12 per cent, all as high grade sulphate and in forms free from muriates (or chlorides). For insuring fruiting power, particularly in quality of fruit in vineyards (grapes), pears, apples, plums, strawberries, and all small fruits. Is slow in effects. Per bag of 200 lbs., \$4.10; three bags and over, \$40.00 per ton.

Vegetable Manure, or Complete Manure (for light soils.) Ammonia, 6 to 8 per cent; phosphoric acid, 8 to 10 per cent, (soluble and available, 6 to 8 per cent); soluble potash, actual, 6 to 8 per cent, all as high grade sulphate and in forms free from muriates (or chlorides). This is our special manure on all kinds of soils, for truck, early vegetables, onions, celery, tomatoes, also on light soils for oats, hops and barley. All vegetables require liberal supplies of soluble potash and in the proper form. Even with heavy or clay soils the natural supplies of potash are insufficient. Per bag of 200 lbs., \$4.30; three bags and over, \$42.00 per ton.

Complete Manure (for heavy soils.) Ammonia, 6 to 7 per cent; phosphoric acid, 10 to 12 per cent, (soluble and available, 8 to 10 per cent); soluble potash, actual, 3 to 4 per cent, all as high grade sulphate and in forms free from muriates (or chlorides). For any soils where small quantity of potash but large quantities of ammonia and phosphoric acid are required. It is very safe for use around young plants, nursery stock, strawberry vines. It is very forcing. Special for early turnips. May be used for oats, hops, barley, also as a top dressing for grass, and as a forcing manure for all vegetables and fruits at all times. Per bag of 200 lbs., \$4.10; three bags and over, \$40.00 per ton.

Complete Manure (for general use.) Ammonia, 4 to 5 per cent; phosphoric acid, 10 to 12 per cent, (soluble and available, 8 to 10 per cent); soluble potash, actual, 4 to 5 per cent. A substitute for stable manure. For use on all crops and all soils with or without stable manure. Use broadcast; if any in hills, use sparingly. Special for oats, Hungarian grass, vegetables, melons, tomatoes, and seeding with or without grain. Per bag of 200 lbs., \$3.90; three bags and over, \$38.00 per ton.

Complete Manure ("A" brand.) Ammonia, 3 to 4 per cent; phosphoric acid, 12 to 16 per cent, (soluble and available, 10 to 12 per cent); soluble potash, actual, 2.50 to 3.50 per cent. Specially adapted for use in hill or drill on all crops, particularly in connection with farm manures. Special for peas, beans, buckwheat and turnips. Per bag of 200 lbs., \$3.60; three bags and over, \$35.00 per ton.

Average Soil Complete Manure. Ammonia, 5 to 6 per cent; phosphoric acid (soluble and available), 7 to 8 per cent; soluble potash, actual, 5 to 6 per cent, all as high grade sulphate and in forms free from muriates (or chlorides). For onions, tomatoes, vegetables of all kinds, Irish and sweet potatoes, fruits, and cranberries. A substitute for stable manure. Special for tobacco on heavier soils. Per bag of 200 lbs., \$3.70; three bags and over, \$36.00 per ton.

Corn Manure. Ammonia, 3 to 3.50 per cent; phosphoric acid, 10 to 12 per cent (soluble and available, 8 to 10 per cent); soluble potash, actual, 6 to 7 per cent. Also for sweet corn, fodder corn, Hungarian grass, millet, late turnips, late cabbage, and seeding to grass. Per bag of 200 lbs., \$3.60; three bags and over, \$35.00 per ton.

Cauliflower and Cabbage Manure. Ammonia, 5.50 to 6.50 per cent; phosphoric acid, 6 to 8 per cent; actual potash, 8 to 10 per cent. Per bag of 200 lbs., \$3.90; three bags and over, \$38.00 per ton.

Grass and Grain Spring Top Dressing. Ammonia, 5 to 6 per cent; phosphoric acid, 7 to 9 per cent; actual potash, 5 to 7 per cent. Per bag of 200 lbs., \$4.20; three bags and over, \$41.00 per ton.

Cereal Brand. Ammonia, 2 to 3 per cent; phosphoric acid, total, 8 to 10 per cent (soluble and available, 6 to 8 per cent); soluble potash, actual, 3 to 3.50 per cent. For wheat, rye, corn, oats, buckwheat, and all farm crops, particularly where farm manures are used. Specially adapted for use in hill or drill. Per bag of 200 lbs., \$3.30; three bags and over, \$31.00 per ton.

See Special Offers on third page of cover.

BRADLEY'S FERTILIZERS

Are guaranteed to contain more plant food in a better mechanical condition and of higher agricultural value than any other fertilizers in the world, and they are, therefore, as the New England Homestead affirms "the most economical to use."

Do not be misled into purchasing unknown fertilizers of uncertain value, but buy Bradley's Fertilizers which have grown large crops of superior grass, grain, and vegetables, on thousands of farms all over New England for more than thirty years.

Among their leading brands are:

BRADLEY'S SUPERPHOSPHATE

Bradley's Superphosphate, the pioneer of the fertilizer industry in the United States, has been more extensively used than any other brand of fertilizer in the world.

From its unvarying quality and uniform condition it has gained the name that more plainly bespeaks the estimate in which it is held among the farmers than volumes of praise, — "*the Old Reliable*."

BRADLEY'S POTATO MANURE

For Growing Smooth, Sound Potatoes of the Best Quality Without Barnyard Manure.

Bradley's Potato Manure is in no sense a theoretical or experimental mixture, but is prepared from formulas which repeated *field tests* have proven will produce the largest crops of smooth, sound potatoes.

The universal testimony of leading farmers is convincing that it gives the best of satisfaction, and at a considerable saving in cost over many of the high-priced special "potato manures" whose alleged scientific combination is their principle claim to the farmers' patronage.

BRADLEY'S COMPLETE MANURES

For Potatoes and Vegetables. — For Corn and Grain. — For Top-Dressing Grass and Grain, With 10 per cent. Potash.

These manures are the richest and most concentrated fertilizers sold, as has been abundantly proven by actual results in the field. They are manufactured from the very best plant-food materials obtainable, combined in such form and proportions as long practical experience has proven will yield the largest crops of the best quality.

Send to us for finely Illustrated pamphlets, describing all of their brands, and let us quote you prices on all of these unequalled fertilizers before purchasing elsewhere.

PRICES FOR BRADLEY'S STANDARD FERTILIZERS:

Bradley's Superphosphate	50 lb. bag, \$1.00	100 lb. bag, \$1.70	ton \$32.00
Bradley's Potato Manure	" " 1.00	" " 1.70	" 32.00
Bradley's Complete Manure for Potatoes and Vegetables	" " .	" " 1.90	" 37.00
Bradley's Complete Manure for Corn and Grain	" " .	" " 1.90	" 37.00
Bradley's Complete Manure for Top Dressing Grass and Grain	" " .	" " 1.90	" 37.00
Bradley's Complete Manure with ten per cent. Potash	" " .	" " 1.90	" 37.00
Bradley's High Grade Tobacco Manure	" " .	" " 2.25	" 45.00
Bradley's Seeding-Down Manure	" " .	" " 1.70	" 32.00
Bradley's Bone Fertilizer	" " .	" " 1.70	" 32.00
Bradley's Eclipse Phosphate	" " .	" " 1.50	" 27.00

These prices are not subject to Special Offers, but we allow a discount of 5 per cent when cash accompanies order.

See Special Offers on third page of cover.



We carry the most complete line in the world

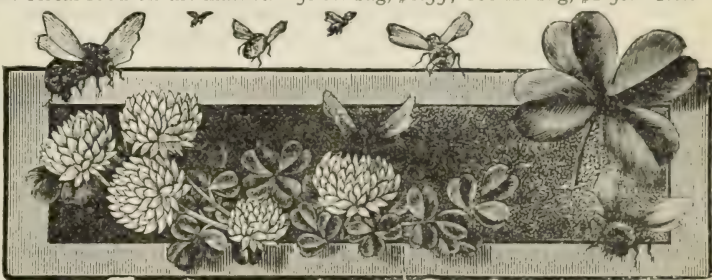
(Prices subject to change.)

Breck's Poultry and Swine Meal. *This is the original German "Thieren Mehl," or meal made from meat and animal matter.* It is superior to the many imitations that have been put on the market since we introduced it; and is the most complete animal food for poultry obtainable. It is concentrated, pure, palatable, and produces satisfactory results when fed according to directions. We offered it first to the American public in 1892, but it has since that time, through merit, found its way into the yards of the most progressive poultry men in the country. A reasonable trial will convince you that it is the *best meat or animal matter meal on the market.* Trial bag (a month's supply for thirty hens), \$1.00; 50 lb. bag, \$1.50; 100 lbs., \$2.25.



Breck's Cereal Chicken Feed. The real secret in feeding poultry at any and all stages of growth is to understand the different results produced by the various kinds of food, and use in properly balanced proportion the kinds that supply the materials necessary to bring about the end desired whether it be for the growth of newly hatched chicks, the fattening of the broiler, or getting maturity for early laying. Some knowledge of chemistry as well as practical experience in feeding and observation are required to obtain these conditions. We possess these, and through their successful application are able to offer in the preparation known as *Breck's Cereal Chicken Feed* the most scientific combination of specially prepared cereals for chickens on the market. Great care is exercised in selecting only *pure, sweet and clean grains*, although generally at a higher cost than the quality frequently caused by impure, musty and badly balanced foods. It is in itself a sufficient food to carry the chicks from the shell to maturity in the shortest possible time and with best results as to health, no matter whether the birds are wanted for broilers or early laying. It is used in large quantities by the most successful poultry men in the country, and is, beyond a question, the most desirable cereal food on the market. 50 lb. bag, \$1.35; 100 lb. bag, \$2.50. *Net.*

Breck's Alfalfa and White Cut Clover and Clover Meal. Eggs in winter, when prices are high, is the aim of every poultry keeper. Failure to procure them is generally caused by lack of proper conditions in housing and a shortage of the materials from which the hens make eggs. Warm, clean houses, with good ventilation but no drafts, sufficient food which contains the ingredients of the egg and also furnishing heat and repairing daily tissue waste are required, but the food must be so balanced that there is no great excess of either heat or fat producing constituents, otherwise success will not be met with. Cut Clover or Clover Meal is an essential part of the ration because they act as a tonic and contain albuminoids, in an easily digested and assimilated form, for the production of the white and yolk as well as lime for the shell. The nitrogen, sulphur, phosphates, magnesia, soda, potash and carbon in clover, when the clover is of the best sorts, cut at the right time, cured and prepared in the correct way, gives results in health and production that are unattainable when clover does not form a part of the ration. But aside from the fact of its value as a food we must bear in mind that there is as much difference in the quality of clovers as there is in wheat and corn. Recognizing the difficulty in obtaining a first-class article we were led to investigate the whole subject and as a result learned that a mixture of clovers gives better results than the Red Clover hitherto offered. Therefore, we have had grown, on suitable soil, especially for our own trade a large acreage of Alfalfa, White and Red Clovers. The two sorts first named contain less water, less crude fibre and less fat than the red. They are higher in nitrogen and albuminoids besides being more easily digested. Combined in the proportion that a special experience of two years' feeding has shown to be best, we offer Breck's Alfalfa and White Clover preparations feeling assured that they are *superior to any green feed* on the market. We exercise care to have the several crops cut at the proper stage of growth and under rather than overcured. We feel sure our many poultry-keeper friends will appreciate the excellence of these clover mixtures and see when buying that spurious brands or inferior grades are not substituted. A reasonable trial only is necessary to demonstrate their superiority. When buying be sure to ask for and get only Breck's Alfalfa and White Cut Clover and Breck's Alfalfa and White Clover Meal. Every bag is branded.

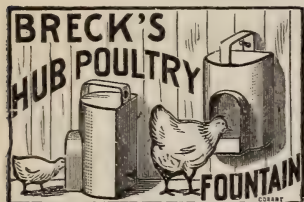


Poultry Supplies, except as marked Net, are subject to offer No. 1 in N. E. Outside of N. E. offer No. 3 only applies. See Special Offers on third page of cover.

Breck's Alfalfa and White Cut Clover and Clover Meal. — Continued.

Directions for feeding: — Pour on boiling hot water, cover, let steam an hour, then mix with usual morning mash at the rate of one-third clover to two-thirds the regular ground grains. Per 50 lb. bag, \$1.00; 100 lb. bag, \$1.80; 500 lbs., \$8.00. *Net.* Special price on larger quantities quoted upon application.

Breck's Eureka Egg Food. This preparation stands without a rival, as hundreds of those who have used it testify. It aids digestion, prevents and cures many diseases common to fowls, and although the best food known to produce eggs, it does not destroy the fertility of the egg. Sample box by mail on receipt of 25 cents. 1 lb. box, 25 cents each; if by mail, 40 cents each; 2½ lb. box, 50 cents each; by mail, \$1.00 each; 6 lb. box, \$1.00 each; 10 lb. box, \$1.50 each; 25 lb. kegs, \$3.50 each.



1 gal., 75 cents each; 2 gals., \$1.25 each. Special prices per dozen or 100 upon application.

Midland Poultry Food. When these foods were first offered us we were somewhat sceptical regarding their value because of the many new and unusual claims made for them. We told the manufacturers to prove their own goods by making us a shipment for test. This they gladly did, and we sent out fifty bags to as many poultry keepers with the result that we were soon in receipt of orders from all of them for more Midland Poultry Food. Thus assured of the merit of the goods we felt encouraged to buy in carloads and we are glad to state that we find an ever-increasing sale. Almost without exception a trial of the food has resulted in continued and larger orders. These preparations are different from anything hitherto offered.

Ten years ago Dr. Petros F. Nishkian, one of the best organic chemists in this country, who for thirteen years filled the position of analytical and organic chemist to the Armour Packing Co., began the study of this question with a determination to solve it. His duties were largely in the analysis of animal products and vegetable and grain foods and their economic adaptation to specific uses.

After an exhaustive study and analysis of all the sources of supply and a physiological study of the fowl, accompanied with a practical application of various combinations of the different food constituents, he finally arrived at what has proven itself to be a *perfectly balanced ration* — a correct working basis — and an absolute nutritive ratio for each specific purpose.

Practical poultry men were called in to assist in carrying out the work, and theory and practice made to conform. The results of this labor are now before you in the specific foods we offer.

Our aim has been to ascertain the exact proportions of proteids, carbo-hydrates and fats absolutely necessary over and above the normal requirements in order to attain specific results. The ratio so determined is called a *balanced ration*.

Ten Formulas — Each Brand a Perfect Food for a Specific Purpose.**MIDLAND BRANDS.**

- 1—Nursery Chick Food.
- 2—Growing Chick Food.
- 3—Fattening Chick Food.
- 4—Egg and Feather Producing Food.
- 5—Nursery Duckling Food.

- 6—Growing Duckling Food.
- 7—Fattening Duckling and Goose Food.
- 8—Laying Duck Food.
- 9—Stock Duck's Summer Food.
- 10—Growing Gosling Food.

1 bag, \$2.00; 5 bags, \$1.85 per bag. *Net.* Special price on large quantities.

Wellesley Hills, Mass., March 19, 1901.

Midland Poultry Food Co.,
Kansas City, Mo.

I have been using your No. 4 food for laying hens the last three months. I have given the past six years much time to working up a strain of Buff Wyandottes that are egg basket fillers; having reached an average of 196 eggs per hen. Now I am sure that feed as well as pedigree plays an important part in results. I say all this that my statement may have its value. I find your No. 4 to give good results as an egg producing food, and it certainly helps out fertility during the cold months.

There is a growing demand in the East for a "complete food" for hens that is ready to mix with water and I think you will reap your reward for placing such an article on the market.

Yours truly,

Dr. N. W. Sanborn.

Dr. Sanborn is too well known to the poultry world to need any introduction, being an authority on diseases of poultry, and having a record for results in egg production that has perhaps never been equaled by anyone with the same number of fowls. His success is due to a thorough knowledge of the laws that govern, and operating in harmony with them.

Wareham, Jan. 19, 1901.

JOSEPH BRECK & SONS (Corporation).

Gents: — Enclosed find \$5.00 for which send me by freight one \$5.00 Prize Out-Door Brooder and if it proves all right shall order more. The goods ordered of you last December have given the best satisfaction, especially the Poultry and Swine Meal, which is superior to anything I have ever used. Please ship soon as possible, as I have use for it right away. Thank you for your liberal dealings and prompt shipment in the past.

Yours,

ALBERT S. BESSE.

Wareham, Mass.

December 10, 1901.

BRECK'S EUREKA EGG FOOD.

Please send it as soon as possible. I think that it is one of the best preparations for chicks as a tonic (to put in water for them to drink), that I ever used.

Yours truly,

LeRoy Smith,
Canterbury, Conn.

Box 8.

See Special Offers on third page of cover.

Ground Oyster Shells. 100 lb. bag, 65 cts. per 100 lbs.; in bbls. of 250 lbs., 65 cts. per 100 lbs.
Mica Crystal Grit. 50 lb. bag, 65 cts.; 100 lb., 90 cts.

Cracked Poultry Bone. Per bbl. of about 200 lbs., \$2.25 per 100 lbs.

Bone Meal for Poultry and Cattle. 50 lb. bag, \$1.25; 100 lb. bag, \$2.25; per bbl. of about 200 lbs., \$2.25 per 100 lbs.

Flour of Bone. 50 lb. bag, \$1.25; 100 lb. bag, \$2.25; per bbl. of about 200 lbs., \$2.25 per 100 lbs.

Raw Bone, Cracked. 100 lb. bag, \$2.25.

Green Cut Bone, Fresh. We cut this to order only to ensure delivery of sweet, fresh goods. 50 lbs., \$1.50; 100 lbs., \$2.50.

Ground Beef Scraps. Always freshly ground from the best kettle-rendered cake scrap. 50 lb. bag, \$1.35; 100 lb. bag, \$2.50; ton, \$40.00.

Animal Meal. 25 lb. bag, \$1.00; 50 lb. bag, \$1.50; 100 lb. bag, \$2.25.

Meat Meal. 25 lb. bag, \$1.00; 50 lb. bag, \$1.50; 100 lb. bag, \$2.20.

Fish Meal. (Desiccated Fish.) 50 lb. bag, \$1.25; 100 lbs., \$2.00.

Green's Poultry Food. A mixture of granulated cereals, grand as a scratching food for both chicks and adult fowls. Per 50 lb. bag, \$1.35; 100 lbs., \$2.50. *Net.*

Spratt's Food. The celebrated English preparation; nothing equals it for young chicks. 50 lb. bag, \$3.25; 100 lbs., \$6.00.

Barley. 80 cts. per bu. *Net.*

Buckwheat. 90 cts. per bu. *Net.*

Peas. Small white Canada, \$1.50 per bu. *Net.*

Sunflower. Large Russian, \$1.50 per bu.

Millet. Golden, for chickens, \$1.75 per bu. of 50 lbs. *Net.*

Hemp, Large Russian. Much fed to pigeons and fowls that are being fattened for the table, \$1.75 per bu. of 40 lbs. *Net.*

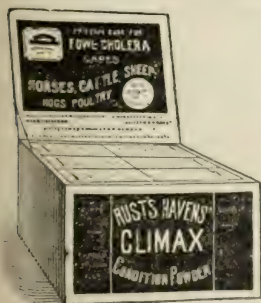
Kaffir Corn, or White Sorghum. Per 100 lb. bag, \$2.00. *Net.*

Wheat. \$1.75 to \$2.00 per 100 lbs., according to quality. *Net.*

Wheat Screenings. \$1.50 to \$1.65 per 100 lb. bag, according to quality. *Net.*

Sheridan's Condition Powders. 25 cts. and \$1.00. *Net.*

Conkey's Roup Cure. The only remedy positively known to cure Roup in all its forms, as long as the fowl can see to drink. FOR CANKER, especially in pigeons, this cure excels all others. One 50 cent package makes 25 gallons of medicine. Directions with every package. Small size, 50 cents; large size, \$1.00.



12 PKGS. 25¢ SIZE

Rust's Egg Producer.

1 lb. box, 25 cents each, if by mail, 44 cents; 2½ lb. box, 50 cents each, if by mail, \$1.00; 6 lb. box, \$1.00; 10 lb. box, \$1.50; 25 lb. kegs, \$3.50.

Rust's Haven's Roup Pills.

These pills act directly on the glands and mucous membrane, allaying all tendencies to fever and carrying off all morbid matter from the system. Box of 48 pills free, by mail, 25 cents.

Rust's Haven's Climax Condition Powder.

Small package, 25 cents, if by mail, 50 cents; 2 lb. box, 50 cents, if by mail, 85 cents; 5 lb. box, equal to 6 25 cent packages, \$1.00.

F. P. C. Chick Manna. 1 lb., 10 cts.; 5 lbs., 40 cts.; 15 lbs., \$1.10; 60 lbs., \$4.20. *Net.*

Madoc Gape Cure. Small, 20 cts.; large, 35 cts. *Net.*

Charcoal, Granulated. Per lb., 7 cts.; per 100 lbs., \$5.50. *Net.*

Charcoal, Powdered. 6 cts. per lb.; per 100 lbs., \$4.50. *Net.*

Copperas. (Green Stone.) 2 cts. per lb. *Net.*

Carbolic Crystallized. 50 cts. per bottle, bottle included. *Net.*

Carbolic Acid Solution. 40 cts. per pint bottle, bottle included. *Net.*

Carbolic Purifying Powder. Trial pkg., 25 cts., if by mail, 40 cts.; 6 lb. pkg., \$1.00, if by mail, \$2.00.

Dalmation Insect Powder. Per lb., 40 cts., if by mail, 50 cts.

Slug Shot. Valuable alike as an insecticide and disinfectant. 5 lb. pkg., 30 cts. *Net.*

Death to Lice. 15 oz. box, 25 cts., if by mail, 40 cts.; 3 lb. pkg., 50 cts., by mail, \$1.00; 100 oz. pkg., \$1.00.

Death to Lice, Special. A preparation containing all the qualities of the famous "Death to Lice Powder," but which is soluble in kerosene oil and can be used to paint or spray roosts and interiors of poultry houses. 1 lb. box, 25 cts., if by mail, 40 cts.

Death to Lice Ointment. For use on young chicks. Per box, 10 and 25 cts.

"O. E. C." Lice Powder. An excellent article. It not only is death to all insects, but acts as a powerful yet pleasant disinfectant. 25 and 50 cts. per box. *Net.*

P. D. Q. Powder. A valuable preparation that not only destroys and prevents insects of all kinds on fowls, but drives away quickly all sorts of insects that pester the housewife. It is useful for a hundred and one purposes and not the least among them is that of disinfectant. Per package, 25 and 75 cts. *Net.*

Orr's Liquid Lice Killer. This preparation possesses more points of real merit than any other liquid or paint lice destroyer before the public. It is of great strength and purity; it does its work by evaporating—the fume killing all lice. It can be used in three different ways, thus making it suitable for varying conditions. Full directions for each method, also for using it upon chicks, will be found on each can. 1 qt., 35 cts.; ½ gal., 60 cts.; 1 gal., \$1.00; 5 gals., \$4.00. *The fact that Mr. Cooper of the Prairie State Incubator Co. is interested in the manufacture of Orr's Lice Killer is a guarantee of value and usefulness.*

Tobacco Dust. An exceedingly fine powder. Valuable as an insecticide. Per lb., 5 cts.; 100 lbs., \$3.00. *Net.*

Tobacco Stems. Used to mix with nest material, fumigating, etc. Per lb., 5 cts.; per bale, \$2.50. *Net.*

Sulpho-Naphthol. This preparation, originated by the late Dr. Cabot, is recommended for a great many purposes. It cleans and heals all sorts of cuts, bruises and sores. It is sure death to all kinds of bacteria and insects and is unsurpassed as a disinfectant. For domestic animals, poultry and poultry houses it is the thing. 50 ct. bottle makes 10 gals.; \$1.00 can, 50 gals. solution. *Net.*

Oil of Tar. A new coal tar preparation, somewhat similar to Sulpho-Naphthol. Per qt., 25 cts.; ½ gal., 50 cts.; 1 gal. \$1.00. *Net.*

Veterinary X-Zulla. A purely vegetable preparation; contains no alcohol or poisonous ingredients. It may be applied to a raw surface or even poured into the eye of an animal without causing pain. It cures Galls, Scratches, and Surface Inflammation of every description. Per large bottle, \$1.25.

Points for Poultry Raisers.

A Manual for Poultry Keepers.

9th Edition, 112 Pages.

Mailed for 25 cents.

See Special Offers on third page of cover

Plaster. Land. A valuable absorbent; when mixed with the droppings it deodorizes, also enhances their value as a fertilizer. Per 100 lb. bag, 50 cts.; per ton, \$8.00. *Net.*

Nest Eggs, China. Per doz., 40 cts. *Net.*



Medical Nest Eggs. These are medicated eggs, but entirely different from anything that has hitherto been offered. They can be cleaned without injury, are lasting, effective, and appreciated by chickens and adult

fowls. No hen should be set without one of these in the nest as a preventive of vermin. One placed in a bird cage keeps it sweet and the bird free from insects. They drive away lice from pot plants, prevent moths from attacking furs or other clothes when packed away, and are also valuable as a disinfectant. 10 cts. each; \$1.00 per doz.

Bellows, Spraying. \$1.25 to \$2.25.

Bellows, Houchin's Patent Powder. 50 cts., 75 cts., \$1.10 and \$1.50.

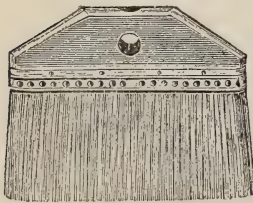
Leg Bands. The famous Phoenix, secure, neat, light and superior to all others. Numbered to order. Per doz., 25 cts.; per 100, \$1.50.

Leg Bands, Aluminum, for Pigeons. Seamless, per doz., 40 cts.; per 100, \$2.50. Open, per doz., 30 cts.; per 100, \$1.50.

Leg Bands, Aluminum, for Poultry. Per doz., 30 cts.; per 100, \$1.50.

Eclipse Leg Bands. (Made of Aluminum.) No. 1 for Bantams, No. 2 for Mediterraneans, No. 3 for American females, No. 4 for American males, Asiatic females, small turkeys, No. 5 for Asiatic males and turkeys. We number them to order. Per doz., 25 cts.; 50, 75 cts.; 100, \$1.25.

Climax Leg Bands. A thick brass wire goes around the leg which is locked securely by the attaching of the tag bearing number. All sizes. Doz., 25 cts.; 50, 75 cts.; 100, \$1.25.



Brushes, Whitewash. Tampico centre, bristles outside. Each, 7 in., 50 cts.; 8 in., 60 cts.; 9 in., 75 cts.

Nests, Wire. Strong and clean. Each, 50 cts.

Guns, Insect Powder. 2 oz. size, 15 cts. each.

Stone Drinking Fountain. This fountain is of the best patent stoneware and is very desirable.

½ gallon each	Net Price, \$0.30
1 " " "	" " .35
2 " " "	" " .40

Pumps, Breck's Hand Force

is a double-acting portable force pump. It is made of brass, and therefore impervious to the action of acids and liquids, and will not rust or corrode. Pump is placed directly in water or other liquid, ensuring a perfect suction. It is furnished complete with malleable foot-rest and suitable nozzles for a solid stream and large spray. Pump may be used for washing windows, wagons, in conservatories, gardens, etc., and for general spraying purposes. Price, \$4.50 each.

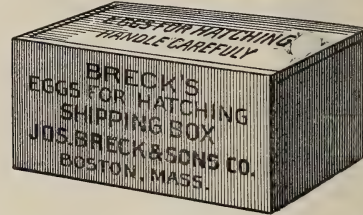


"E. H. M." Stone Fountains. Made of glazed stoneware, in two pieces; a saucer and an inverted cup, finished off on top to prevent roosting. Strong, cheap, easily cleaned and quickly filled. The best stoneware fountain yet offered. The one quart size is especially suitable for pigeons. 1 qt., 20 cts.; 2 qts. 25 cts.; 1 gal., 30 cts. *Net.*

Sanitary Fountain. Square in form, made of galvanized iron, in two pieces, easily cleaned and filled. 1 gal., 60 cts.; 2 gals. \$1.00. *Net.*



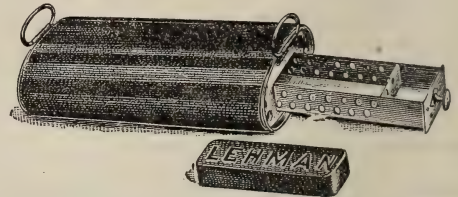
Punch, Breck's Improved Spring Lever. Works on the principle of a conductor's punch, and does perfect work. Its use enables poultrymen to identify their own birds or any particular hatching of them. By mail 50 cents.



Breck's Egg Shipping Boxes.

These boxes are especially arranged for the safe shipment of eggs for hatching and are plainly marked "Eggs for Hatching. Handle with Care."

15 Egg size	Price per doz., \$1.25
30 " " "	" " " 1.60
45 " " "	" " " 1.95
50 " " "	" " " 2.30
100 " " "	" " " 3.40



Lehman's Heaters. Put one of these heaters in each poultry house on cold nights and there will be no frozen combs. The use of Lehman's Heaters and Coal is no longer an experiment. Their practicability and usefulness have long since been demonstrated. The fact that 125,000 Heaters are in actual use, with an average yearly sale of 10,000 Heaters and ½ million pieces of coal, speaks more for their merits than thousands of testimonials.

Lehman's Heater (except No. 10) is a metallic case 7¼ inches wide, 3½ inches deep, and from 14 to 20 inches in length. The top is oval, giving the feet a comfortable resting place. These Heaters, which are furnished with carpet coverings, have a lining of asbestos cloth between the carpet and the heater, making it perfectly safe from scorching. The No. 10 Heater is especially adapted to vans and large delivery wagons and Poultry Houses where an unusual amount of heat is required.

The No. 3 and No. 4 Heaters are our standard Heaters, which we specially recommend, as they are packed with a special composition which retains the heat and makes them more durable. *Net Prices.*

No. 4 Plain	each, \$4.75	No. 7 Plain	each, \$4.00
" 5 "	" 2.75	" 10 "	" 7.25
" 6 "	" 2.25		

Coal, full size brick, 12 pieces in a box	per box, .75
" 100 pieces in a box, cut in thirds	" 6.00

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See Special Offers on third page of cover.



GENUINE PRAIRIE STATE INCUBATORS AND BROODERS.

The least that can be said of these famous incubators is "*they are without equal.*" The U. S. government uses them exclusively at the Experiment Stations at Washington, D. C. The largest poultry breeders in the country also use them exclusively, and they are the standard from which all incubators are judged.

(Our net price list. Not included in our special offers.)

Incubators.

No. 1 Baby	Capacity 50 Eggs,	\$6.00
" 2 " " " " " " " " " "	100 "	10.00
" 1 Style A	150 "	20.00
" 2 " " " " " " " " " "	210 "	26.00
" 3 " " " " " " " " " "	300 "	32.00
" 1 " B	150 "	15.00
" 2 " " " " " " " " " "	210 "	22.00
" 3 " " " " " " " " " "	300 "	25.00
Special Duck	200 "	32.00

Brooders.

No. 1 Style A	Capacity 100 Chicks,	\$13.50
" 2 " " " " " " " " " "	200 "	18.00
" 2 " B	200 "	19.00
" 3 " " " " " " " " " "	300 "	24.00
" 4 " " " " " " " " " "	400 "	29.00
" 1 " C Outdoor	100 "	12.00
" 2 " " " " " " " " " "	150 "	16.00
" 1 " D Indoor	80 "	7.00
" 2 " " " " " " " " " "	125 "	9.00

Special Prairie State Incubators.

No. 1 Special, 120 Eggs, \$18.00. No. 2 Special, 240 Eggs, \$29.00. No. 3 Special, 360 Eggs, \$38.00.

We would like every party who writes us for catalogue, who is interested in Incubators and Brooders, and contemplates purchasing the same, to send us an order for at least one machine and one Brooder, as we have placed the price at a very low figure and claim there is no machine in the world that sells for so little money that will give as good satisfaction.

PRICES OF EGGS AND POULTRY.

Prices quoted are net and subject to change.

	Eggs. Per 13.	Incubator Eggs. Per 100.	Single Birds Males.	Single Birds Females.	Breeding Pens. 1 Male and 4 Females.
Light Brahma.....	\$2.00	\$6.00	\$4.00	\$2.50	\$15.00
" " Fancy.....	5.00	10.00	10.00	5.00	25.00
Dark Brahma.....	3.00	10.00	5.00	3.00	15.00
" " Fancy.....	5.00	10.00	5.00	3.00	25.00
Black Cochins.....	5.00	10.00	5.00	3.00	15.00
Buff ".....	2.50	8.00	5.00	3.00	15.00
Partridge Cochins.....	3.00	15.00	5.00	4.00	20.00
Black Langshans.....	2.50	8.00	5.00	3.50	15.00
White ".....	5.00	8.00	6.00	4.00	25.00
Barred Plymouth Rocks.....	2.00	6.00	3.00	2.00	10.00
Buff " ".....	3.00	10.00	4.00	2.50	15.00
White " ".....	2.00	6.00	4.00	2.50	12.00
Silver Wyandotte.....	4.00	10.00	5.00	3.00	15.00
Golden ".....	4.00	5.00	3.00	2.00	15.00
Buff ".....	3.00	12.00	5.00	4.00	20.00
White ".....	2.00	6.00	3.00	2.00	10.00
S. C. Brown Leghorns.....	2.50	8.00	3.00	2.00	10.00
" White ".....	2.00	8.00	3.00	2.00	10.00
Buff Leghorns.....	3.00	12.00	5.00	4.00	20.00
Black Minorcas.....	2.50	10.00	4.00	2.50	12.00
White ".....	5.00	5.00	3.50	3.00	15.00
Black Hamburgs.....	5.00	5.00	3.50	3.00	15.00
S. S. ".....	5.00	5.00	3.50	3.00	25.00
W. F. Black Spanish.....	5.00	5.00	3.50	3.00	25.00
Cornish Ind. Games.....	Prices	on	application	application	application
Red Pyle Games.....	3.00	5.00	4.00	3.00	15.00
White Ind. Games.....	3.00	5.00	4.00	3.00	15.00
Houdans.....	3.00	6.00	4.00	3.00	15.00
Buck's County Fowls.....	2.00	6.00	3.00	2.00	12.00
White Guinea Fowl.....	3.00	4.00	3.00	2.00	15.00
Pearl ".....	3.00	4.00	3.00	2.00	15.00
Rhode Island Reds.....	2.50	6.00	4.00	2.00	12.00
Imp. Pekin Ducks.....	2.00	8.00	4.00	3.00	15.00
White Muscovy Ducks.....	2.00	8.00	4.00	3.00	15.00
Per Doz.					
Toulouse Geese.....	4.00	6.00	6.00	6.00	15.00
Brown China Geese.....	4.00	6.00	6.00	6.00	15.00
White ".....	4.00	6.00	6.00	6.00	15.00
Bronze Turkey Eggs.....	5.00	6.00	6.00	6.00	15.00

See Special Offers on third page of cover.

VALUABLE TABLES.**SEED REQUISITE TO PRODUCE A GIVEN NUMBER OF PLANTS AND SOW AN ACRE.**

	Quantity per acre.		Quantity per acre.
Artichoke, 1 oz. to 30 ft. of drill	$\frac{3}{4}$ lb.	Grass, Red Top, fancy, clean seed	20 lbs
Asparagus, 1 oz. to 200 plants	5 "	Kale, 1 oz. to 1,200 plants	6 oz.
Barley	$2\frac{1}{2}$ bu.	Kohl Rabi, 1 oz. to 150 feet of drill	2 lbs
Beans, Dwarf, 1 qt. to 100 feet of drill	$1\frac{1}{4}$ "	Leek, 1 oz. to 100 feet of drill	4 "
Beans, Pole, 1 qt. to 200 hills	$\frac{1}{2}$ "	Lettuce, 1 oz. to 250 feet of drill	3 "
Beet, Garden, 1 oz. to 50 feet of drill	6 lbs.	Martynia, 1 oz. to 50 feet of drill	10 "
Beet, Mangel, 1 oz. to 50 feet of drill	8 "	Melon, Musk, 1 oz. to 60 hills	2 "
Broccoli, 1 oz. to 1,500 plants	8 oz.	" Water, 1 oz. to 40 hills	3 "
Broom, Corn	10 lbs.	Nasturtium, 1 oz. to 40 feet of drill	10 "
Brussels Sprouts, 1 oz. to 1,200 plants	8 oz.	Oats	3 bu.
Buckwheat	$\frac{1}{2}$ bu.	Okra, 1 oz. to 40 feet of drill	10 lbs.
Cabbage, 1 oz. to 2,500 plants	5 oz.	Onion Seed, 1 oz. to 100 feet of drill	4 to 5 "
Carrot, 1 oz. to 100 feet of drill	4 lbs.	" " for Sets	30 to 50 "
Cauliflower, 1 oz. to 2,500 plants	5 oz.	Onion Sets, 1 qt. to 20 feet of drill	8 bu.
Celery, 1 oz. to 3,000 plants	4 "	Parsnip, 1 oz. to 100 feet of drill	5 lbs.
Clover, Alsike and White Dutch	15 lb.	Parsley, 1 oz. to 150 feet of drill	8 "
" Lucerne, large Red, Crimson & Trefoil	15 "	Peas, Garden, 1 qt. to 100 feet of drill	$1\frac{1}{2}$ bu.
" Medium	15 "	" Field	$2\frac{1}{2}$ "
Collards, 1 oz. to 2,500 plants	6 "	Pepper, 1 oz. to 2,000 plants	4 oz.
Corn, Sweet, 1 qt. to 200 hills	8 qts.	Potatoes	10 bu.
Cress, 1 oz. to 100 feet of drill	8 lbs.	Pumpkin, 1 qt. to 300 hills	4 qts.
Cucumber, 1 oz. to 50 hills	$\frac{3}{4}$ "	Radish, 1 oz. to 100 feet of drill	8 lbs.
Egg Plant, 1 oz. to 1,000 plants	5 oz.	Rye	$1\frac{1}{2}$ bu.
Endive, 1 oz. to 150 feet of drill	3 lbs.	Salsify, 1 oz. to 50 feet of drill	10 lbs.
Flax, broadcast	$\frac{1}{2}$ bu.	Spinach, 1 oz. to 50 feet of drill	10 "
Garlic, bulbs, 1 lb. to 10 feet of drill		Summer Savory, 1 oz. to 500 feet of drill	2 "
Gourd, 1 oz. to 25 hills	$2\frac{1}{4}$ lbs.	Squash, Summer, 1 oz. to 40 hills	2 "
Grass, Blue, Kentucky	3 bu.	" Winter, 1 oz. to 20 hills	4 "
" Blue, English	2 "	Tomato, 1 oz. to 2,000 plants	3 oz.
" Hungarian and Millet	1 "	Tobacco, 1 oz. to 4,000 plants	2 "
" Mixed Lawn	4 "	Turnip, 1 oz. to 150 feet of drill	2 lbs.
" Orchard, Perennial Rye, Red Top,		Vetches	3 bu.
Fowl Meadow and Wood Meadow	3 "	Wheat	1 to 2 "
" Timothy	$\frac{1}{2}$ "		

NUMBER OF PLANTS OR TREES TO THE ACRE AT GIVEN DISTANCES.

Dis. apart.	No. plants.	Dis. apart.	No. plants.	Dis. apart.	No. plants.
$\frac{1}{2}$ foot	174,240	4 feet by 2 feet	5,444	10 feet	435
1 "	43,560	4 " 3 "	3,629	11 "	360
$1\frac{1}{2}$ "	19,360	4 " 4 "	2,722	12 "	302
2 feet	10,890	5 " 5 "	1,742	15 "	193
$2\frac{1}{2}$ "	6,969	6 " "	1,210	18 "	134
3 feet by 1 foot	14,520	7 " "	889	20 "	108
3 " 2 feet	7,260	8 " "	680	25 "	69
3 " 3 "	4,840	9 " "	573	30 "	64
4 " 1 "	10,888				

WEIGHT OF VARIOUS ARTICLES.

	Per bush., 48 lbs.		Per bush., 60 lbs.
Apples		Peas	
" " Dried	22 "	Plastering Hair	8 "
Barley	48 "	Rape	50 "
Beans	60 "	Rye	56 "
Buckwheat	48 "	Red Top Seed, Chaff Seed	10 "
Broom Corn	46 "	Red Top Fancy, Clean Seed	40 "
Blue Grass, Kentucky	14 "	Salt, Coarse	50 "
" " English	24 "	" Michigan	56 "
Bran	20 "	Sweet Potatoes	56 "
Canary Seed	60 "	Timothy Seed	45 "
Castor Beans	46 "	Turnips	58 "
Clover Seed	60 "	Wheat	60 "
Corn, Shelled	56 "	Beef and Pork, per bbl., net.	200 "
" on Ear	70 "	Flour, per bbl., net	196 "
Corn Meal	50 "	White Fish and Trout, per bbl., net	200 "
Charcoal	22 "	Salt, per bbl.	280 "
Coal, Mineral	80 "	Lime, "	220 "
Cranberries	40 "	Hay, well settled, per cubic foot	$4\frac{1}{4}$ "
Dried Peaches	28 "	Corn, on Cob, in bin,	22 "
Flax Seed	56 "	" Shelled.	45 "
Hemp Seed	40 "	Wheat,	48 "
Hungarian Grass Seed	48 "	Oats,	$25\frac{1}{2}$ "
Irish Potatoes, heaping measure	60 "	Potatoes,	60 "
Millet	50 "	Sand, Dry,	95 "
Malt	38 "	Clay, Compact,	135 "
Oats	32 "	Marble,	169 "
Osage Orange	33 "	Seasoned Beech Wood, per cord	5,616 "
Orchard Grass	14 "	" Hickory,	6,960 "
Onions	52 "		

THE NERON SET OF ROSES

These are all of great size, free flowering and perfectly hardy.

PAUL NERON. Dark rose, of beautiful form and scarcely equalled in size.

GUSTAV PIGANEAT. Brilliant carmine lake, very large, cupped shape, always opening well. The buds are very long.

MADAME G. DESSE. Similar to *Paul Neron* in size and form. The flowers are beautifully striped.

ULRICH BRUNNER. Cerise-red. This variety has to a considerable extent taken the place of the popular "*Jack Rose*." The plants are hardier, the flowers larger and the color quite as good.

Strong Plants, 50 cts. each. The Set for \$1.50.

LA FRANCE SET OF ROSES

Perhaps there is no type of rose to-day so generally popular as the *La France*. Almost as free flowering and as sweetly scented as *Tea Roses*. These combine, in addition, size and hardiness.

LA FRANCE. Bright lilac rose, centre silvery white, petals large, beautiful form.

DUCHESS OF ALBANY. A deep, even pink. It may be called a darker *La France* from which its shape and freedom do not differ.

MADAME CAROLINE TESTOUT. Same habit and character as *La France*, but a distinct and very beautiful darker shade of pink.

AUGUSTINE GUINOISSEAU. A white *La France*.

Strong Plants, 50 cts. each. Set of 4 for \$1.50.

BARONESS SET OF ROSES

BARONESS ROTHSCHILD. Palest flesh, most chaste and beautiful, large and fine form. One of the very best varieties.

MARGARET DICKSON. White, centre petals, pale flesh. Very large, shell shape, of immense substance. Magnificent form.

OSKAR CORDEL. Bright carmine, very rich, sweetly scented, and free flowering. The flowers are large and cup shaped.

AMERICAN BEAUTY. A well known favorite. Sweetly scented rosy-carmine flowers.

Strong Plants, 50 cts. each. Set of 4 for \$1.50.

RAMBLER ROSES

These *Rambler Roses* on account of their quick growth, free flowering and hardiness have almost superseded the older climbing sorts. The four here offered include all the colors yet produced in climbers.

CRIMSON RAMBLER.

PSYCHE. (*Pink Rambler.*) A counterpart of the famous crimson sort except in color, which is a deep rose.

AGALIA. (*Yellow Rambler.*) Not of such a strong growth as the above, but produces an immense number of small pale yellow flowers.

THALIA. (*White Rambler.*) Similar to *Agalia* in growth and habit.

Strong plants, 50 cts. each; the set of 4 for \$1.75.



The Set of 16 Roses, 4 Climbing and 12 Hybrid Perpetuals, for \$5.50. Express paid.

See Special Offers on third page of cover.

Department of Landscape Gardening and Estate Development.

We have, in connection with our comprehensive business, a Department of Landscape Gardening and engineering, under the charge of a competent party whom we recommend to our patrons.

We undertake to advise as to the laying out of gardens, the general improvement of landed property, and the development of building estates; to provide plans and estimates, and, for a fixed sum, to carry out all the work incidental to the making of a small suburban garden, as well as to the designing and executing of the most extended estate improvement. We make no charge for plans, but they remain our property unless the work is carried out by us. The client, however, is expected to undertake transportation and other charges incident to the examination of the grounds in order to obtain a thorough understanding of their capabilities. To facilitate business, please address,

JOSEPH BRECK & SONS, Corporation,
47-54 No. Market St., Boston, Mass.

"Department of Landscape Gardening."

Bowling Greens.

The Bowling Green is now much in vogue in connection with Golf Links in Britain. As is generally known, the game is one of the oldest and most popular there. It requires some skill and affords an invigorating and pleasant outdoor exercise. Golfers find it brings their muscles into play and condition, consequently is appreciated by them and to some extent divides honors with the "Royal Game."

A Bowling Green to give satisfaction must be properly built, and be more than a well mown and rolled plot of turf. We have had considerable experience in making them and are prepared to undertake their construction or advise regarding the same.

New Yellow Fruited "Black Currant."

The black currant is a general favorite both for preserves for table use and also for medicinal purposes. The principal objection hitherto raised against it has been its color. This trouble is overcome entirely in this introduction, for while **the fruit retains both flavor and medicinal qualities, the color is a bright yellow.** Preserves made from it are not only delicate and desirable in flavor, but also of beautiful appearance. The plants are of vigorous growth, the fruit as large, firm and fleshy as the black sort and produced in greater abundance.

Strong plants; 25 cts. each; \$2.75 per doz.

Plants for House, Lawn and Piazza.

ARECA LUTESCENS. (*Ostrich Feather Palm.*) A majestic palm. Its dark glossy green leaves are gracefully curved on slender stems. The trunk and stems are golden yellow, irregularly spotted with bronzy green. In 3½ inch pots, 75 cts.; 5 inch pots, \$1.00; 6 inch pots, \$2.00; 7 inch pots, \$3.00 each.

KENTIA BELMOREANA. (*Curly Palm.*) Recognized as one of the best for all purposes, being able to withstand more ill usage, perhaps, than any other. The foliage is dark glossy green, the segments wide and gracefully recurved. In 4 inch pot, 75 cts.; 5 inch pot, \$1.00; 6 inch pot, \$1.75; 7 inch pot, \$3.50 each.



Kentia Belmoreana.

COCOS WEDDELLIANA. The most slender and graceful in the upright feather-leaved palms. The leaves are very finely formed, and of great beauty. In 2½ inch pots, 30 cts.; 3 inch pots, 50 cts.; 3½ inch pots, 70 cts. each.

LATANIA BORBONICA. (*Fan Palm.*) This is a typical palm and is more largely used than any other. It is of strong, healthy habit, and especially suitable for window culture. In 3½ inch pots, 50 cts.; 4 inch pots, 70 cts.; 5 inch pots, \$1.00; 6 inch pots, \$1.50; 7 inch pots, \$2.50 each.

PANDANUS UTILIS. (*Screw Palm.*) Very decorative and useful for the window garden. The large leaves in leaving the stem form a continuous spiral. It is a native of the Hawaiian Islands, where the natives use its fibre for making cloth. In 4 inch pots, 50 cts.; 6 inch pots, \$1.00; 7 inch pots, \$2.00 each.

CYCAS REVOLUTA. (*Sago Palm.*) A favorite for Conservatory, Window Garden and piazza decoration. It is of very odd and beautiful growth. In 6 inch pots, \$1.00; 7 inch pots, \$1.50; 8 inch pots, \$2.00.

DRACÆNA INDIVISA. Valuable as a window plant, also for centres for baskets, vases, etc. 50 cts. to \$1.50 each.

DRACÆNA TERMINALIS. A beautiful decorative plant, gorgeous shades of crimson, bronzy green, and pink foliage. 50 cts. to \$1.50 each.

ARAUCARIA EXCELSA. (*Norfolk Island Pine.*) The rich feathery, deep green branches of this charming conifer are arranged in whorls at regular distances on the stem. It is one of the most popular and beautiful foliage plants grown. In 5 inch pots, 2 tiers, \$1.00; 6 inch pots, 4 tiers, \$2.00 each.

ASPARAGUS SPRENGERI. The beautiful green feathery sprays, which drop gracefully, are often 3 to 4 feet in length. Excellent for hanging pots. 25 cts. to \$1.00 each.

RUBBER PLANTS. (*Ficus Elastica.*) We can furnish nice healthy plants of this favorite at from \$1.00 to \$5.00 each, according to size.

NEPHROLEPSIS EXALTATA BOSTONIENSIS. (*Boston Fern.*) A very popular window-plant. It bears well with heat, dust and neglect, and always has a bright, fresh appearance. Strong plants, 50 cts. to \$2.00 each.



Asparagus Sprengeri.

See Special Offers on third page of cover.

1902

Novelties in Flower Seeds and Varieties Worthy

Especial Attention



COMET ASTER.—*Empress Frederick*.

ASTER, COMET. *Empress Frederick*. A sport from *King Humbert*, which hitherto has been considered the finest gigantic flowered dwarf variety. This new sort differs from the former in its pyramidal growth and extra stout flower stems. The long petalled, loosely curled and twisted flowers measure 4 to 4½ inches across and are of the purest white. Pkt., 20 cts.

—**LADY. *Light Blue and Pure White*.** The “Lady” Comet flowered Aster is already a general favorite, hence these two new colors will be adopted as acquisitions. The plants are of vigorous habit and very free bloomers. The flowers are large and composed of long, narrow, wavy petals. The leaves of this class are quite distinct from all others, being lanceolate or long and narrow; the color is a peculiar pale green. Pkt., 15 cts.

—**SUNLIGHT.** The first really yellow Aster. The plants are of the habit of the *Jewel*. The flowers somewhat shorter petalled, and measure 3 to 4 inches in diameter. The color is true sulphur yellow. A decided acquisition. Pkt., 15 cts.

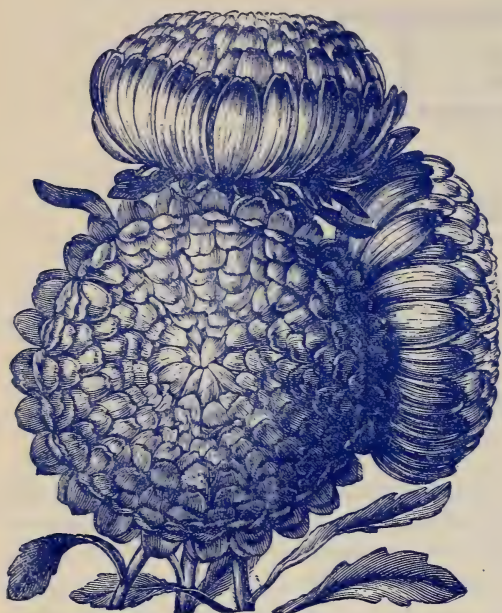
I am glad to say that the purchases made of you this past season have given good satisfaction. I am only too glad to recommend your firm to anyone needing anything in the line of seeds and implements.

Yours truly,

JOHN L. CHAPMAN,
Gardener to Peter B. Bradley, Esq.,
Hingham, Mass.



Lady Aster.



ASTER.—The Amethyst.



SNAPDRAGON.—Queen Victoria.



Celosia Spicata Argentea Linearis.

ASTER. *Pæony-Flowered Perfection.* “The Amethyst” provides a break in the right direction. The flower, pure-white when opening, assumes as it unfolds, beginning from the tip, down towards the middle of the broad petal a charming clear blue tint of great effect, viz., a rich amethystine color, increasing in intensity as the flower proceeds developing. Pkt., 20 cts.

Antirrhinum, *Golden-Leaved.* This new snapdragon grows to a height of 1½ feet, and produces, in abundance, throughout a very long season, flowers in almost every color and shade yet obtained in the Antirrhinum family. It differs from others in its foliage, which is golden yellow and makes the plants especially desirable for growing alongside the dark leaved kinds. Pkt., 20 cts.

—**Queen Victoria.** This worthy new sort combines elegant, finely cut foliage with unusually large flowers of brilliant white. The plant is a vigorous grower and carries its flowers on long, strong stalks well above the leaves, making it suitable alike for garden decoration and cutting. Pkt., 20 cts.

Anemone Japonica, *Konigin Charlotte.* New in color and size; an improvement in quality. The plant is of robust growth and produces numerous large semi-double flowers, frequently 4 inches across, and thrown well above the foliage. The color is that pleasing shade of silvery pink peculiar to the *La France Rose*. Pkt., 20 cts.

Celosia Spicata *Argentea Linearis.* Handsome annual from the East Indies, forming strictly upright, well branched pyramids of about 2½ feet in height and producing at the summit of each branch cylindrical spikes of flowers of 2½ to 4 inches in length. The color of the flower-spikes is a fresh bright rose when opening, later on the lower part of the spike changes into a silvery white, forming thus a very pleasing combination of colors. The plants make a fine display in the garden, but are equally useful for indoor decoration when grown in pots. Pkt., 20 cts.

See Special Offers on third page of cover.

**Begonia Erecta Phenomene.**

Begonia. Erecta Phenomene. The illustration shows the many varied forms this new strain has assumed much better than they can be described in words. Other shapes and variations may also be looked for from the seed which we offer. The range of color is large and very beautiful. Pkt., \$1.00.

CARNATIONS. Chabaud Perpetual Double. They are equal in size and beauty to those grown by the florists, and are recommended on this account as well as because they come into bloom within six months of the time of sowing the seed. For winter blooming they may be sown in April, grown to sturdy plants in the open air, potted in August for growing indoor during winter. Three colors—*Marie Chabaud*, pale yellow, *Maria Immacula*, pure white, *McKinley*, bright scarlet. Separate or mixed. Pkt., 20 cts.

Chrysanthemum. Leucanthemum Hybridum, "Shasta Daisies." The fact that this is one of Luther Burbank's productions is a guarantee of its value. *Shasta Daisies* are a selection through a period of years of a cross between the common field *Marguerite* and some of the European large flowering species. The claims made for this acquisition are: Hardiness; they can be grown in any climate that will not kill an oak tree. Perennial; bloom throughout the season of growth, and year after year. Easy of propagation; multiplied by division of root. Flowers very large and beautiful, frequently four inches or more in diameter, with three or more rows of petals of the purest white, on single, strong stems, nearly two feet in length. Seed in originator's sealed packages. Pkt., 50 cts.

*Have bought of J. Breck & Sons for 13 years
and have found things all right.*

Yours,

John McKenzie,

Foreman to W. E. Cox, Esq.,

Chestnut Hill, Mass.

**Collar Dahlia.**

Dahlia Variabilis "Collarette," Collar Dahlias. Distinct new race of Single Dahlias producing a row of short quilled flowers around the disk, thus imitating a collar and contrasting wonderfully with the broad ray flowers. A good many new forms and varieties may be expected from the seedlings. Pkt., 25 cts.

Musa Arnoldiana. A Splendid New Banana. A decided improvement on *M. Fetiche*. This will as soon as known become a greater favorite than *M. Ensete* because of its greater growth and width of leaves and ability to withstand extremely hot and dry sunshine. Our cut shows a plant eight months old.

**Musa Arnoldiana.**

When fully grown the plants are from twelve to fifteen feet in height with leaves eight feet long by two feet wide; they are of a very pleasing dark green color which contrasts nicely with the red stalks. The leaves are of very strong texture and not liable to injury from wind. Pkt., 75 cts.

Marigold. Dwarf French Striped. "Grandiflora." We can confidently recommend this as a vast improvement on the dwarf French class, *the flowers are as large as the finest Scotch tall striped*, in fact almost as large as the African, but with the dwarf, compact, free flowering habit of the dwarf French; only one foot to fifteen inches in height with beautifully striped well formed flowers. Pkt., 20 cts.

*All goods purchased from your firm by me during the past season have been
entirely satisfactory.*

Yours very truly,

James Scott,

Gardener to C. D. Sias, Esq.,

Wenham Depot, Mass.

Nasturtiums. See general list pages.

Nicotiana affinis. This beautiful, fragrant annual is not nearly as well known nor as largely grown as it deserves to be. The following, clipped from a Horticultural Magazine, gives some idea of its possibilities and we hope will serve to make the flowers more popular: "Two years ago this spring, I set a little seedling *Nicotiana affinis* in a box of plants out on a stump. I took the box in the cellar in the fall. It was late, and my plants were frozen, but in the spring that box was filled up entirely with that *Nicotiana*, so I gave away and transplanted the rest for myself. After a good rain a short time after, what was my surprise to find the box full again. I planted three times from that box, and found out something that was new to me. The roots were broken off and they sprouted from those left in the box. Those I transplanted I left the ends of roots uncovered, exposed to air and sun, and they sprouted and make a perfect thicket of blooming stalks." See general list pages.

Poppy. Dwarf Shirley, Salmon Shades. The plants, with their finely cut foliage and numerous cut slender flower stalks, form vigorous bushes about eighteen inches in height. The delicate, round petalled flowers attain a diameter of three to four inches and appear in various shades of light and dark salmon, red and orange, besides being often prettily bordered with white. These new shades enhance the value of the already popular Shirley Poppies. Pkt., 20 cts.

Phlox Drummondii. Silver-Leaved Star. This charming silver-edged-leaved phlox should interest all lovers of annuals. The plants branch freely, attain a height of about one foot, and the flowers mostly toothed (cuspidata) but some fringed (fimbriata) are of the rose and carmine shades, and form a delightful contrast with the beautiful variegated foliage. Pkt., 25 cts.

Pentstemon pulchellus hybridus. A cross between *P. Hartwegi* and *P. pulchellus*, which should be cultivated as an annual. Sow seed in March or April and plant out towards the end of May. The plants grow to a height of two to three feet and form pyramidal bushes, with erect branches, thickly set with flowers, one and a half inches long, varying in color from rosy-white and chamois to purple and violet, with pure white or veined throats, will bloom from July until frost.

Pentstemons are great favorites in Europe and would be here were they better known. Pkt., 20 cts.



Pentstemon Pulchellus Hybridus.



Poppy. Dwarf Shirley.

Petunia. Howard's New Star. Mr. Howard of Belchertown, Mass., the originator of this valuable new strain of Petunias, says: For a period of over twenty years we have made it a study to improve the single flowered, medium sized, multiflora type of Petunias.

Their ground color is a dark crimson maroon, with a rich velvety texture, justly pronounced equal to that of the pansy. Showing through the ground color are violet veinings.

From the centre start the points of a five-rayed star, which broadens half way up, narrowing to a point at the margin of the flower.

This star is a very light blush pink, some almost white, which deepens in color as it reaches the margin and finally blends with the maroon ground color. Over eighty per cent. of the plants from seed will produce the star markings. Others with veined and feathery markings on dark or light ground are not less surprisingly beautiful.

See Special Offers on third page of cover.

THE YOUTHS COMPANION.

21 October 1904

My dear Mr. Breck:

I wish

to tell you that two nasturtium seeds

I purchased of you in the spring produced

the most beautiful bed of these flowers

I have ever seen. They were planted at

my summer home on Tropical Island and

the blossoms, in new and old colors, were

the admiration of all who saw them.

Yours truly

Edward L. Loomis

Petunia—Continued.

The plants are free growers, branching freely and attaining an average height of 18 inches by 24 inches in diameter.

They are remarkably prolific bloomers, single plants often having one hundred or more fully expanded flowers at a time.

Full size pkt containing not less than 150 seeds, 25 cts.; 5 pkts., \$1.00.

PANSY. PSYCHE. Not one of the many varieties of Pansies has such a winning appearance as "Psyche." The plant is perfect in habit and floriferousness. Each flower is elegantly curled and undulated and in every respect a beauty in form and color. The characteristic five velvety violet blotches, or eyes, are surrounded by a broad white edge. Comes true from seed. Pkt., 25 cts.

PRIMULA STELLATA HYBRIDA. "STAR PRIMULA." We have such pleasure in offering a new and vastly improved strain of this valuable decorative plant in which all the merits of the parent variety have been retained, while the size and substance of the blooms have been considerably increased.

Many of the blooms are equal in form and purity of color to those of the Chinese Primula, and, as they last longer and the plants can be much more easily grown, they deserve to be widely cultivated.

Of the seed now offered, the mixture contains seven charming and distinct colors, while the Improved White produces flowers nearly two inches in diameter.

Amateurs who have no greenhouse can easily grow these plants for winter flowering by sowing the seed in pots or pans in June and transplanting when large enough. Pkt., 20 cts.

SWEET PEAS. Eckford's. Set of novelties for 1902.

COCCINEA. A very unique and totally distinct break in the color of Sweet Peas. A new and distinct shade of red, very rich, soft shade of scarlet-cerise, large bold flower.

GEORGE GORDON. Bright reddish crimson standards, with rosy purple wings, very fine bold flower.

HON. MRS. E. KENYON. A grand flower, deep primrose. This is the largest and deepest color of all the yellow varieties.

LADY M. ORMSBY GORE. Pale buff, delicately tinted with pink, large flower slightly hooded.

MISS WILLMOTT. A grand flower of great substance, a rich deep orange pink, almost a self, one of the finest varieties yet sent out. Strong grower and long stalks. Pkt., 25 cts.; set of 5 for \$1.00



PETUNIA. Howard's New Star.

RUDBECKIA BICOLOR SUPERBA SEMIPLENA. This Novelty represents semi-double or nearly double-flowering varieties of the Rudbeckia bicolor superba introduced in 1888. The plants form elegant bushes of 2 to 2½ feet in height covered with large semi-double golden yellow to brownish yellow flowers, which have a central dark brown ring and disc. As concerns size and form of the flowers, they closely resemble those of the double-flowering Zinnias and are on account of their long stems very useful for cutting purposes.

Pkt., 15 cents.

SUNFLOWER (HELIANTHUS) PERKEO. A charming perfectly Dwarf variety of the well known Miniature Sunflower (Helianthus cucumerifolius). The plants form regular dwarf round and compact bushes that measure when fully developed about 10 to 12 inches in height and 14 to 16 inches in diameter. Above the dark green small leaves are borne on thin but wiry stems the single ray floret flowers, that are of the same size as those of Helianthus cucumerifolius. The ray florets are of a pretty yellow color, while the centre of the flower is black.

Pkt., 10 cents.

SILVIA SPLENDENS. "TRIUMPH." The earliest flowering Salvia ever offered. This novelty grows to a height of about 2½ feet, has a fine regular habit and branches freely. By sowing early, numerous extra large spikes of flowers appear as early as June, and cover the plants until frost sets in. The color is a rich velvety scarlet. A grand acquisition for cutting purposes. In groups it has a really imposing effect.

Pkt., 20 cents.



Rudbeckia Bicolor Superba.

See Special Offers on third page of cover.

**Helianthus Perkéo.**

SALVIA SPLENDENS. "LITTLE LORD FAUNTLEROY." On account of its tall growth, the *Salvia* has not been available for bedding in many combinations where its brilliant color would render it most effective. But this new variety grows only 18 inches high from the ground to the tips of the flower spikes, while the foliage rises no more than 10 inches from the ground, the 8 inch flower spikes standing erect and clear above the handsome dark green leaves. The plant is of very compact and bushy habit, being as broad as it is high, while the number, size and brilliancy of the flower spikes surpass anything ever seen in *Salvias* before. For bedding in masses alone, or with plants of equal height, or for borders around beds of taller plants, we know nothing that will be so serviceable or so striking.

Pkt., 25 cents.*"The Dear Little, Sweet Little Shamrock of Ireland."***"*Trifolium Minus.*"***(The true Shamrock.)*

We import this seed direct from Ireland and offer it in the original sealed packages. Each package has directions on it for sowing and growing. Price, 40 cts. per pkt.

"Thrives Only on Starvation."

BROMPTON STOCK. EMPRESS ELIZABETH. This is a German introduction of last year and well worthy of attention. The plants are of strong growth and branching habit. Both main and side stems are covered with large rose-shaped flowers of the brightest imaginable tint of carmine rose. The whole plant forms a grand pyramidal shaped bouquet, the effect of which is enhanced by the bright green foliage. It comes into flower early, stands unfavorable weather well and produces about 70 per cent of double flowers. Seed may be sown any time up to July. The plants begin to bloom in the fall and will keep up a display all winter if transferred to cool, airy quarters in house or greenhouse.

Pkt., 20 cents.**Wallflower. Annual "*Blood Red.*"**

This is a much improved and selected stock of the Annual Wallflower brought out some years since, which, although so wonderfully early, was a very poor yellow. We have ever since been carefully selecting this, and each year getting nearer to a good blood red, and at last we have succeeded. It is also a larger flower than the old variety and a good blood red color, and if sown in March can be had in bloom in following July. **Pkt., 20 cts.**

See Special Offers on third page of cover.

SPECIAL OFFER OF ROSES.

SENT BY MAIL AT PRICES ATTACHED.

Frequent inquiry for smaller, lower priced roses than those elsewhere listed in this catalogue induced us to make arrangements for supplying the same.

While the prices are extremely low, the plants are strong and thrifty; being well rooted stock from deep 2½ inch pots. With reasonable attention all are likely to give satisfaction to planters.

Collections of Hybrid Perpetual Roses.

(In ordering give simply the name of the collection wanted.)

NOVELTY COLLECTION OF H. P. ROSES. Five magnificent new varieties for 60 cts. postpaid. *Clio*, *Helen Keller*, *Marchioness of Lorne*, *Margaret Dickson* and *Mrs. Sherman Crawford*. Here is a collection of varieties all of the most sterling value and comprising a most happily graduated range of color from pure white, through flesh color, rosy-pink and deep pink to bright crimson. All fine varieties, all very hardy and very free flowering.

COLLECTION OF THREE NEAREST BLACK H. P. ROSES for 35 cts. postpaid. *Baron de Bonstettin*, *John Keynes* and *Prince Camille de Rohan*. The beauty of these three dark roses can only be fully appreciated when seen; it cannot be adequately portrayed by words or pictures. The most beautiful velvet or satin is far out-rivalled by the glossy texture of their petals.



Roses.

COLLECTION OF FOUR BEST RED H. P. ROSES for 40 cts. postpaid. *Alfred Colomb*, *Gen. Jacqueminot*, *Gen. Washington*, *Ulrich Brunner*. The cream of a large assortment of red varieties. All of vigorous growing and free blooming habit and very hardy.

COLLECTION OF FOUR BEST PINK H. P. ROSES for 40 cents postpaid. *Anne de Diesbach*, *Madame Gabriel Luizet*, *Magna Charta*, *Mrs. John Laing*. There are so many fine pink sorts that it is difficult to select the really best four, but we think these come pretty close to it. It is a collection of jewels of the first water.

COLLECTION OF THREE FINEST WHITE ROSES for 35 cts. postpaid. *Coquette des Alps*, *Coquette des Blanches* and *Madame Plantier*. All very hardy, very vigorous and free flowering. A splendid collection for cemetery planting.

THE ALL-COLORS COLLECTION OF H. P. ROSES consists of the four preceding collections—fourteen roses for \$1.25 postpaid.

Collections of Ever-Blooming Bedding Roses.

(In ordering give simply the name of collection wanted.)

THE LA FRANCE COLLECTION OF FOUR ROSES for 35 cts. postpaid. One each of *Augustine Guinoisseau* (White La France), *Duchess of Albany* (Red La France), *La France* (The old favorite) pink and *Mme. Angelique Vlyssset* (Striped La France). Everyone knows the beauty and fragrance of La France roses. Get this collection of them. It should be in every garden.

THE SOUPERT COLLECTION. Three charming Soupert Roses for 30 cts. postpaid. One each of *Clothilde Soupert*, bluish white, *Pink Soupert*, deep pink, *Yellow Soupert* (*Mosella*) pale yellow. Three of the finest Roses for outdoor or indoor culture. Will produce hundreds of flowers the first year.

THE EVER-BLOOMING YELLOW COLLECTION. Four Hardest Yellow Ever-blooming Roses for 40 cts. postpaid. *Etoile de Lyon*, *Madame Hoste*, *Mosella* and *Safrano*. These varieties are all hardy as far north as Philadelphia and with a slight covering of leaves or straw during winter will succeed perfectly even much farther north.

THE EVER-BLOOMING RED COLLECTION. The Four best dark red ever-blooming Roses for 35 cts. postpaid. *Marion Dingen*, *Meteor*, *Papa Gontier*, *Princess Bonnie*. These are the cream of the dark varieties.

THE EVER-BLOOMING PINK COLLECTION. The four best pink ever-blooming Roses for 35 cts. postpaid. *Champion of the World*, *Hermosa*, *Mrs. DeGraw* and *Souvenir de la Malmaison*. All remarkably free-flowering and of exceptional hardiness.

THE EVER-BLOOMING WHITE COLLECTION. The four best white ever-blooming Roses for 35 cts. postpaid. *Caroline Marniesse*, *Kaiserin Augusta Victoria*, *Marie Guillot*, *Souvenir de President Carnot*. Four gems among white Roses. Especially adapted for cemetery planting.

THE ALL-COLORS EVER-BLOOMING COLLECTION consists of the four preceding Collections—16 Roses for \$1.25 postpaid.

Hardy Climbing Roses.

Price, 12 cts. each; the three for 35 cts.

Baltimore Belle. Pale blush, variegated carmine, rose and white; very double; flowers in beautiful clusters, the whole plant appearing a perfect mass of bloom; one of the best climbing roses.

Greville, or Seven Sisters. Flowers in large clusters; varies in color from white to crimson.

Mary Washington. Its flowers are of medium size, pure white, perfectly double to the centre, sweet and borne in endless numbers of large clusters all summer. Vigorous and rapid grower. One plant of Mary Washington will produce more flowers and buds than a dozen ordinary roses. Its fragrance is tinged with old-fashioned musky flavor so much admired in olden times.

OUR BEST AND LATEST OFFER

SPECIAL PRIZES FOR . . .

. . . AMATEUR PHOTOGRAPHY

In order to procure Photographs of Flowers and Vegetables *grown from seeds and bulbs bought of us*, to use in illustrating our Catalogues, etc., we offer the following attractive prizes:

Flowers.

For 12 best photographs of Flowers, different kinds	\$25.00
For 12 second best photographs of Flowers, different kinds	10.00
For 12 third best photographs of Flowers, different kinds	5.00

Vegetables.

For 12 best photographs of Vegetables, different kinds	25.00
For 12 second best photographs of Vegetables, different kinds	10.00
For 12 third best photographs of Vegetables, different kinds	5.00

Lawn.

For best photograph of Lawn	10.00
For second best photograph of Lawn	5.00

Herbaceous Border.

For best photograph of Herbaceous Border, accompanied with list of plants	\$10.00
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Shrub.

For best photographs of Shrub in flower (Hydrangea paniculata excluded)	\$5.00
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RULES.

1. Competitors may send more than 12 prints if they wish, but not more than 20.
2. All prints must be finished in black and white, and mounted. Size for Flowers and Vegetables 4 x 5 inches preferred; for Lawn 5 x 7 inches, but all 3½ x 3½ inches and over will be eligible.
3. Write your name and address, also name of subject, on back of mount.
4. Selection and grouping or artistic presentation of subject will, in awarding prizes, be as much considered as the finish of the print itself.
5. Mixed groups; vases of mixed flowers or collections of vegetables will be rejected; the aim being to procure good representation of individual specimens without artificial arrangement, although the photo need not necessarily be a single flower or vegetable.
6. All entries must be received on or before October 7, 1902; prepay postage and mark on outside of package "Amateur Photographic Competition." As soon as awards are made, checks will be mailed in payment of the same.
7. No pictures returned; we reserve the right to reproduce any photograph submitted.



JOSEPH BRECK & SONS (CORPORATION),

47 to 54 North Market St., Boston, Mass.

See Special Offers on third page of cover.



It is somewhat difficult to convey detailed

particulars as to how success may be had in the planting and maturing of flowers. The skilled gardener who has every appliance necessary often fails in his efforts; while the little girl who has no knowledge of the art, but loves flowers, will frequently surprise not only herself but the older folks, *who are not so much interested*, with the results obtained by her labor and love. "The Norwegians have a pretty and significant word, 'Opelske,' which they use in speaking of the care of flowers. It means literally 'loving up,' or cherishing them into health and vigor."

The following practical information, in connection with the special cultural notes, that, when necessary, are set in the right-hand column against the variety, will be of service in making for success:

Hardy Annuals (hA.).—This class require no artificial aid, but grow and flower freely in the open air, mature their seeds and die in the same year

Before sowing the seeds in the open border, the soil should be thoroughly enriched with fertilizer or stable manure, dug and raked until firm, level and smooth. If possible, the location should be free from shade, although some sorts do well where they do not have the sun for more than half the day.

Seed should be sown in spring as soon as the ground is dry enough to work freely. After the seed is sown shake over it fine soil sufficient to cover, lighter or heavier, according to its size; a good rule is, say, to cover to twice the depth of the diameter of the seed. Very fine seed, such as *Portulacas*, requires no covering at all, but should be merely pressed into the soil with a piece of board or the palm of the hand. A second sowing ought always to be made in from two to four weeks after the first, in order to provide for a succession, as well as to insure against failure.

When it is desired to sow hardy Annuals and carry them along indoors until they can be planted out for early effect, there is nothing better than shallow boxes, two or three inches deep, filled with sandy loam. Take especial care until the plants are up and during their early stages of growth to give plenty of air and moisture, and yet *not too much water*, or they will "damp off." When they are well out of the seed leaf they should be planted in rows in other shallow boxes; or in two-inch pots, setting from three to six plants around the edges. If they begin to crowd one another before the weather is suitable for setting out, a second transplanting, more thinly or into larger pots, may be necessary. When first set out in the garden, or during very dry weather, until well established, they should be watered frequently. Keep down all weeds, and loosen the ground occasionally, so that the plants may receive the full benefit of rains and dews, which will not be the case if the ground is allowed to become hard or crusted.

Half-Hardy Annuals (hhA.).—These, in the latitude of Boston, should not be sown out-doors until about the middle of May. A good rule, followed by a successful gardener, is to sow these, and even some of the tender Annuals at the same time he makes his sowings of cucumbers and melons. With half-hardy Annuals, however, it is generally best to sow them under the same conditions as advised for hardy Annuals in-doors.

Tender Annuals (tA.).—To get strong plants and an early bloom, sow the seed in shallow boxes or pots in March, and place them in a warm greenhouse, or plunge in a moderate hot-bed, shade from the strong sun and water only with a very fine rose. A very light, sandy soil and good drainage are essentials. Be particular that the finer seeds are not covered over deep, but have the soil pressed closely about them. Water frequently, especially if the greenhouse or hot-bed is very warm. When the plants are out of the seed leaf, transplant into shallow boxes or small pots. When sufficiently strong and the weather is suitable, set out in the flower beds, but not before the end of May.

Hardy Biennials (hB.) and **Perennials** (hP.).—These require the same conditions as hardy Annuals. Those marked with a dagger (†) if sown early, in boxes, as directed for hardy and half-hardy Annuals, will bloom the first year. All, however, may be sown in the open border in August or September; in which case it is a good plan at the commencement of frost to give them a light covering of straw, leaves or

See Special Offers on third page of cover.

dry litter. When the frost is out of the ground in spring remove the covering, loosen the soil around the plants, and when large enough transplant them to where they are permanently to remain.

Half-Hardy Biennials (hhB.) and **Half-Hardy Perennials** (hhP.).—These may be sown in the open border as directed for hardy Annuals, but, when practical, it is generally better to start them in-doors, as recommended for half-hardy Annuals.

Tender Biennials (tB.) and **Tender Perennials** (tP.).—Accord these the same treatment as recommended for tender Annuals.

Those to whom a greenhouse or hot-bed is not available will meet with good success by placing the boxes or pots in the open sunlight in the windows of the dwelling house, and keep the temperature from 65 to 75 degrees during the day and 10 degrees less at night. If the soil was in proper condition at planting time, a slight sprinkling once a week will be sufficient until the plants begin to grow nicely.

Greenhouse Seeds.—Some of these may be sown at almost any season of the year. Leaf mould, or peat, with some fine sand added, is the most suitable soil, and the shallow pots or boxes before recommended can be used. The smaller seeds of greenhouse plants are somewhat difficult to germinate unless extra care be taken with them; they require to be slightly watered occasionally, and sheltered from the hot sun until large enough to transplant. Press the soil firmly down into the pot or box and make perfectly level, so that no unequal settlement takes place through watering. The seeds should be sown thinly and *covered very lightly with finely sifted sphagnum moss*. A pane of glass placed over the pot or box until the little plants get well started is of decided benefit, but care should be taken to air occasionally, when excessive moisture is shown by water globules on the under side of the glass. When the young plants have two leaves they should be transplanted into a similar soil, in other pots or boxes. To do this do not pull them out one by one, but, if in a pot, remove the entire contents and break up gently; if in a box, loosen by running a trowel around the side and take out a mass at a time, thus preserving the little roots which are so essential to their future welfare. After transplanting, keep in a shady part of the greenhouse and water sparingly until established, when they may be removed to the light.

It is well to know that Poppies delight in a rich, sandy loam, that Eschscholtzias will do best in a poor soil; or of Pansies, give them abundance of old manure, the richest earth you can find, plenty of water and partial shade; that you need not be anxious if it is not convenient to carry water for Nasturtiums in a dry time, for their habitat is dry Chili, and they will thrive in a dryer soil and atmosphere than almost any other plant; or that Zinnias like a heavy, cool clay; Sweet Peas a deep, rich soil and plenty of water, while, such gross feeders as Roses, Sunflowers, Hollyhocks, Dahlias and Asters cannot be planted in too rich a situation; yet,

"To raise your flowers, various arts combine,
Study these well, and fancy's flight decline;
If you would have a vivid, vigorous breed
Of every kind, examine well the seed:
Learn to what elements your plants belong;
What is their constitution, weak or strong;

Be their physician, careful of their lives,
And see that every species daily thrives;
These love much air, these on much earth rely;
These, without constant warmth, decay and die:
Supply the wants of each, and they will pay
For all your care through each succeeding day."

EXPLANATORY.

Our General List of Flower Seeds, it will be found, is divided into the following groups, viz.: Annuals, Perennials and Biennials; Climbers; Greenhouse Plants; Everlastings; Ornamental Grasses, etc. The botanical and common names are arranged in alphabetical order, and a very complete index will be found in front of book. The dash (—) designates the repetition of the name above it as applying to the variety to which the dash is prefixed; the *first column*, following the name, denotes hardiness and duration; the *second column*, height in feet; the *third column*, color or predominating colors; the *fourth* and *fifth columns* show the price per ounce and packet respectively; the *sixth column* gives brief descriptions or special notes on culture. To this arrangement and the following abbreviations we have given the most careful attention, and we trust that their simplicity will not only find favor with our customers, but prove valuable to them as a handy reference.

KEY TO ABBREVIATIONS.

hA designates Hardy Annuals—Lasting but one year.
hhA " Half Hardy Annuals—Lasting but one year.
tA " Tender Annuals—Lasting but one year.
hB " Hardy Biennials—Lasting two years.
hhB " Half Hardy Biennials—Require protection during winter.
hP " Hardy Perennials—Lasting three or more years.
hhP " Half Hardy Perennials—Require protection during winter.
tP " Tender Perennials—Lasting three or more years, but require greenhouse protection during winter.
† " Biennials or Perennials that, if sown early, will bloom the first year.
Trai. " Trailing Habit.
Var. " Various.

The abbreviations of colors are—
blk.—black.
br.—brown.
tri.—tricolor.
car.—carmine.

crim.—crimson.
sul.—sulphur.
lav.—lavender.
pur.—purple.

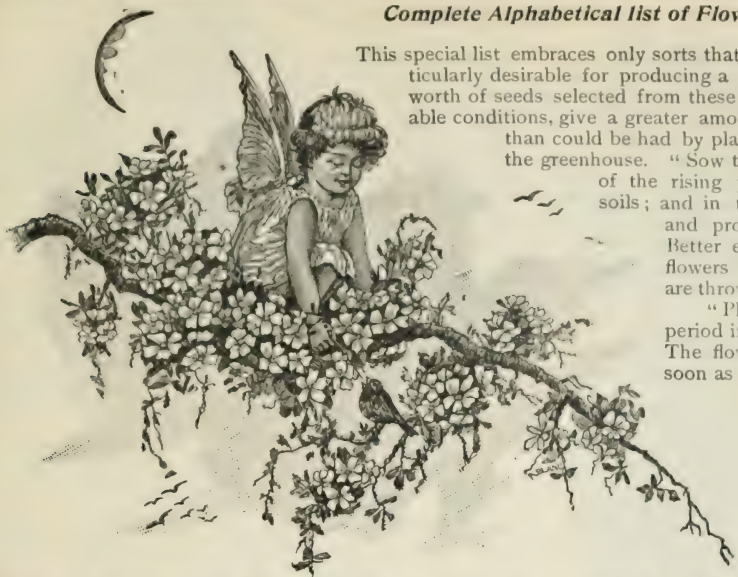
var.—variegated.
scar.—scarlet.
strip.—striped.
ver.—vermillion.

In some instances when the flower is of two colors, these are indicated by the initial letters only,—for example, b&w—blue and white; s&y—scarlet and yellow; w&p—white and pink.

For Flower Seed Novelties see colored pages.

LIST OF FLOWER SEEDS

Complete Alphabetical list of Flower Seeds begins on page 87.



This special list embraces only sorts that are of the easiest cultivation, and particularly desirable for producing a quick and continued effect. A dollar's worth of seeds selected from these varieties will, under reasonably favorable conditions, give a greater amount of bloom in varied form and color than could be had by planting ten dollars' worth of plants from the greenhouse. "Sow the seed freely. The combined strength of the rising plantlets will break the crust on hard soils; and in the thinning which follows, only strong and promising plants are allowed to remain. Better effects are also often secured when the flowers are in masses, especially if the flowers are thrown into the bays of heavy shrub borders. "Plants continue to bloom for a longer period if they are not allowed to produce seed. The flowers should be picked, if possible, as soon as they begin to fade."

Ageratums.

In many respects this is one of the most desirable summer flowering plants we have. It may be used alone for beds and borders, or planted in connection with geraniums, coleus, cannas, etc. The colors include many

shades of blue as well as white, rose and a pale yellow. The plants grow well almost anywhere, but flower most generously in a deep, rich soil. If the seed is started in a box in the house, or in a hot-bed, in the beginning of April and transplanted to where they are intended to bloom about the end of May, an abundance of flowers will be produced until hard frost. Seed of all, however, can also be sown outdoors as soon as the ground warms up, excepting the four sorts first named; these are tender perennials and should be sown early to obtain successful flowering the first summer. Seed sown in August will produce plants for winter flowering.

Ada Bowman. Light blue; fine for beds or edgings, 9 in.....	Oz.	Pkt.
Blue Perfection. Light blue; fine for beds or edgings, 9 in.....	\$0.75	\$0.05
Conspicuum. White; a grand bedder, 1 ft.....	.75	.05
Lasseauxi. Rose, 1 ft.....	.40	.05
Mexicanum. Lavender, 1 ft.....	.50	.05
Album. White, 1 ft.....	.60	.05
Dwarf Blue. Deep blue, 9 in.....	.75	.05
Dwarf White. Clear white, 9 in.....	.75	.05
Grandiflorum roseum. Rose, 1 ft.....	1.00	.05
Little Dorrit. Deep blue, 6 in.....	1.00	.05
Little Dorrit. White, 6 in.....		.10
Nanum luteum. Pale yellow, 9 in.....		
— Roseum. Rose, 9 in.....		
— Princess Victoria Louise. White, azure blue stamens, 9 in.....		



Ageratum.

Sweet Alyssum.

The Sweet Alyssum is so well-known and such a general favorite that it is scarcely necessary to call special attention to it here. It is of the easiest culture both indoors and out and is suitable alike for beds and edging in summer or for growing in pots and boxes for winter blooming. It will stand considerable cold in the open ground and may be sown early; it blooms throughout the entire season until destroyed by hard frost. For winter flowering sow the seed in August or September. When bloom begins to fail cut back the plants and they will promptly come into flower again.



Sweet Alyssum.

Maritimum (Sweet Alyssum) (hA). White, very fragrant, 9 in.....	per oz.	\$0.30	pkt.	\$0.05
Compactum. White, erect growth, 6 in.....	"	.40	"	.05
Little Gem. White, grand for edging, 6 in.....	"	.40	"	.05
Procumbens (White Carpet). White, trailing habit, 6 in.....	"	.50	"	.05
Saxatile compactum (Gold Dust) (hP). A single plant will cover a square foot with one year's growth and produce hundreds of bright yellow flowers. 1 ft.....	"	.60	"	.05

See Special Offers on third page of cover.

**Antirrhinum.**

- Royal Standard. Scarlet and white, 1 ft.
- Yellow Queen. Yellow, 1 ft.
- Sunlight. Golden-Leaved. Flowers rosy white and carmine, foliage canary yellow, 9 in.
- Black Prince. Velvety black with purple reflex, and golden yellow anthers, 1 ft.
- Cupreatum. Carmine red and coppery orange with yellow tip, 1 ft.
- Kermesinum. Fiery crimson, 1 ft.
- Brilliant. Carmine and yellow, white throat, 1 ft.

Antirrhinum (Snapdragon).

If sown in March or April and set out when strong enough, these plants make a display that is unequalled for duration and brilliancy. The tall sorts are fine in borders. The dwarf make splendid beds. They prefer a light, warm, but well enriched soil. Seed sown outdoors in May will produce satisfactory results. It is not unusual, however, when very strong plants are desired, to sow seed in August or September and cover the plants with a mulch on the approach of cold weather. Plants raised from autumn sown seed may be grown on in pots and will produce an immense quantity of bloom throughout a very long season. If grown indoors they require about the same temperature and treatment as carnations. Most of the varieties are fairly hardy and will live through a New England winter if well covered. Antirrhinum is a specialty with us, and we have done much to improve the plants in height, habit, flower and color. We consider our strains superior to any obtainable in size and brilliancy of flowers.

- Breck's grandiflorum majus, hP. Mixed,**
 2 ft. per oz. \$0.50 pkt. \$0.05
 —nanum, six colors: crimson, scarlet, striped,
 yellow, white and carmine.
 —separate, 1 ½ ft. per oz. .70 " .05
 —mixed, 1 ½ ft. " .50 " .05
 —Tom Thumb, six colors: crimson, rose,
 white, yellow, striped, orange and scarlet.
 —separate, 1 ft. per oz. .70 " .05
 —mixed, 1 ft. " .50 " .05
 —Niobe. Pink and white, 1 ft.60 " .05
 —Queen of the North. White, fine bedder,
 1 ft. per oz. .60 " .05
 " " " " " " .60 " .05
 " " " " " " " " .60 " .05
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Aquilegia (Columbine).

This family is one of the most beautiful and popular among hardy perennials. The different varieties present an unusual wealth of color and form. They are all of elegant habit and bloom throughout a very long season. For growing in borders or filling up bays in shrubbery they are unsurpassed. Seed sown in pans or boxes and placed in a cold frame, or in the house, in March will frequently produce bloom the same year. It is best, however, to sow seed out of doors when ground warms up. Any ordinary garden soil is suitable for their growth, but a light sandy soil is preferable. The flowers are all fragrant.

- Alba fl. pl., hP. Dbl. white, 2 ft., per oz. \$0.75 pkt. \$0.05
- Californica hybrida. Yellow and orange,
 2 ft. per oz. \$0.75 " .05
- Canadensis. Orange, 1 ft. " 2.00 " .20
- caryophylloides. Striped, 1 ½ ft. " 1.00 " .20
- chrysantha. Yellow, 3 ft. " 2.00 " .10
- fl. pl. Double yellow, 3 ft. " .10
- cœrulea hybrida. Blue and yellow, 3
 ft. per oz. \$1.00 " .10
- collection 12 choice varieties, \$0.50.
- glandulosa major. Blue and white, 3
 ft. per oz. \$1.00 pkt. \$0.05
- Jætschaui. Yellow and red, 2 ft. " .10
- olympica. Blue, 2 ft. " .05
- fl. pl. Blue and white, 2 ft. " .10
- Skinneri. Scarlet and yellow, 1 ½ ft. per oz.
 \$4.00. " .10
- Stuarti. Blue and white, 1 ½ ft. " .10
- double mixed. Various colors per oz. \$0.50 " .05
- single mixed. Various colors. " .40 " .05

I can also say your goods have given every satisfaction during the past season and it is always with pleasure that I recommend your goods and methods. I hope to do more trade with you this season than ever before, knowing everything I buy of you is always the best.

Yours very truly,

RICHARD H. SMITH,

Hamilton, Mass.

Gardener to James R. Proctor, Esq.

See Special Offers on third page of cover.



Breck's Special Asters.

These rank among the most popular and satisfactory flowers that are suitable alike for the amateur and professional gardener to raise from seed, and a very long season of bloom may be had—from July until end of September—by successive sowings. When the Aster was introduced from China, about the year 1730, it was of the single flowered type and there were only three colors. Now there are nearly 300 varieties to choose from. The most desirable sorts are *Comet*, *Branching*, *Truffaut's Perfection*, *Victoria*, *Washington*, *Mignon*, *Jewel* and *Triumph*. There is a very great difference in the quality of the flowers and most of the cheap Aster seed offered is sure to disappoint those who sow it. The seed we sell is in every instance raised especially for us by the leading Aster specialists and has been brought to the highest possible state of perfection by selection and breeding.

The demand for Breck's Asters from the leading commercial and private growers all over the United States, however, warrants the labor and expense incurred, and is a sufficient recommendation of their superiority. We welcome a comparison of the product of Breck's seeds with that of the most highly lauded. Our prices speak for themselves.

Cultivation.—Those who wish Asters in flower throughout the season should make the first sowing about the middle of February and every two weeks thereafter until the middle of June. Sow in fine soil, and cover lightly in shallow boxes, which should be set in the greenhouse or a sunny window. Keep moderately moist until the plants are well up, then transplant, either into other shallow boxes three inches apart or into small pots. When the weather is settled and fairly warm set the plants out in the open ground, one foot apart each way, where they are intended to flower, and keep watered until they are established. Keep the soil open by frequent hoeings, and when the plants are two-thirds grown mulch with well rotted manure. A loose but strong loam is best suited for asters.

Breck's International Prize (hhA). Breck's International Prize represents all the best classes and colors of large flowering Asters. Those who can devote only a limited space to their cultivation will be delighted with this selection, which embraces the cream of the most desirable races to date.....per oz. \$3.50 pkt. \$0.10

Betteridge's Quilled. Mix'd, 2 ft. " 2.00 " .05
—collection, 12 distinct colors, .40.
—collection, 6 " .25.

Boltze's Dwarf Bouquet. Mixed, ¾ ft.per oz. \$1.50 " .10
—collection, 6 distinct colors, .30.

Boston Florists'. A beautiful and much grown sort of the Pæony-flowered Perfection type, 2 ft.
—dark blue.....per oz. \$1.75 " .10
—light blue....." 1.75 " .10
—bright rose....." 1.75 " .10
—peach blossom....." 1.75 " .10
—scarlet....." 1.75 " .10
—white....." 1.75 " .10
—mixture....." 1.50 " .10
—collection, 6 distinct colors, .50.

Branching Japanese. A superior class. The flowers are very large and resemble the Japanese Chrysanthemum in their graceful form and wavy petals, 3 ft.
—pure white.....per oz. \$1.75 " .10
—shell pink....." 1.75 " .10
—lavender....." 1.75 " .10
—purple....." 1.75 " .10
—crimson....." 1.75 " .10
—mixed....." 1.50 " .10
—Semple's, mixed....." 1.50 " .10
—Vick's, mixed....." 1.50 " .10

Chrysanthemum Flowered Dwarf, Perfection. Azure blue, ¾ ft.per oz. \$2.00 pkt. \$0.10
— — — pure white, ¾ ft." 2.00 " .10
— — — finest mixed. Many shades, ¾ ft.per oz. \$1.75 " .10
—collection, 12 distinct colors, .60.
—collection, 6 " .35.

Chrysanthemum Flowered Tall. Finest mixed, 2 ft.per oz. \$1.75 " .10
—collection, 6 distinct colors, .35.

Christmas Tree. New and of distinct habit of growth. The plants are tree like in form and bear at the end of each stem a *Mignon-like* flower 1½ to 2 inches in diameter, 1½ ft.
—pink " .10
—white....." .10
—light blue....." .10
—carmine....." .10
—dark blue....." .10
—mixed....." .10

Comet, Giant. A much-improved form of the Comet Aster. The large, chrysanthemum-like flowers are borne on long stems, in the greatest profusion, 2 ft.
—The Bride.....per oz. \$2.50 " .10
—light blue....." 2.50 " .10
—lilac....." 2.50 " .10
—crimson....." 2.50 " .10
—peach blossom....." 2.50 " .10
—rose....." 2.50 " .10
—sulphur yellow....." 2.50 " .10
—rose and white....." 2.50 " .10
—finest mixed....." 2.00 " .10
—collection, 10 distinct colors, .60.
—collection, 6 " .40.

See Special Offers on third page of cover.

ASTERS—Continued.

Comet, Dwarf, Bridesmaid. White, changing to rosy lilac, 1 ft.	per oz. \$3.00	pkt. \$0.10
—pure white, 1 ft.	3.00	“ .10
—King Humbert. Pure white. Large flowers, 1 ft.	“	.10
—Empress Frederick. Pure white. Flowers 5 inches in diameter, 1 ft.	“	.20
Comet Single Flowered. Distinct from other single flowered sorts. The petals are long, slender and wavy. The plants are as vigorous and floriferous as the <i>Giant Comet</i> , 2 ft.		
—light blue	“	.10
—rose.	“	.10
—pink	“	.10
—dark blue	“	.10

Cocardeau, or Crown, Improved. Fine double flowers, with white centres, surrounded with brilliant colors, 1½ ft.	per oz. \$1.00	“ .05
—finest mixed.	1.00	“ .05
—collection, 6 distinct colors, .35.		

Dobbies' Globe Quilled. Mixed. Closely-built, double flowers, 2 ft.	per oz. \$1.00	pkt. \$0.10
—collection, 6 distinct colors, .50.		

Dwarf German. Mixed. A favorite old variety, 1½ ft.	per oz. \$0.75	“ .05
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Dwarf Pæony Flowered Perfection. Plants of fine, dwarf habit. Flowers large, very double, incurved, and of great beauty, 1 ft.		
—dark purple.	per oz. \$2.00	“ .10
—blackish violet.	2.00	“ .10
—scarlet.	2.00	“ .10
—white.	2.00	“ .10
—finest mixed.	1.50	“ .10
—collection, 12 distinct colors, .60.		
—collection, 6 “ “ .40.		

Dwarf Silver Ball. White. A very free flowering sort, 1 ft.	per oz. \$2.00	pkt. .10
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Giant Emperor. Mixed. Flowers of immense size and delicate colors, 1½ ft.	per oz. \$2.00	“ .10
—collection, 12 distinct colors, .65.		
—collection, 6 “ “ .35.		

Golden King. Yellow. The color is a decided acquisition, 1½ ft.	per oz. \$2.00	“ .10
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Goliath. Mixed, 2½ ft.	2.00	“ .10
—collection, 6 distinct colors, .30.		

Grace, or Schiller. Mixed. Fine for cutting, 1½ ft.	per oz. \$1.00	pkt. .10
—collection, 8 distinct colors, .30.		

Harlequin. Mixed. Oddly spotted and striped, 1½ ft.	per oz. \$2.00	“ .10
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Imbricated Cocardeau. Mixed. Small flowers borne in great profusion, 1½ ft.	per oz. \$1.50	“ .10
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Imbricated Pompon. Especially suitable for cutting. Flowers small very double, 1 ft.		
—red	per oz. \$1.50	“ .10
—white	1.50	“ .10
—mixed.	1.25	“ .10
—collection, 6 distinct colors, .35.		

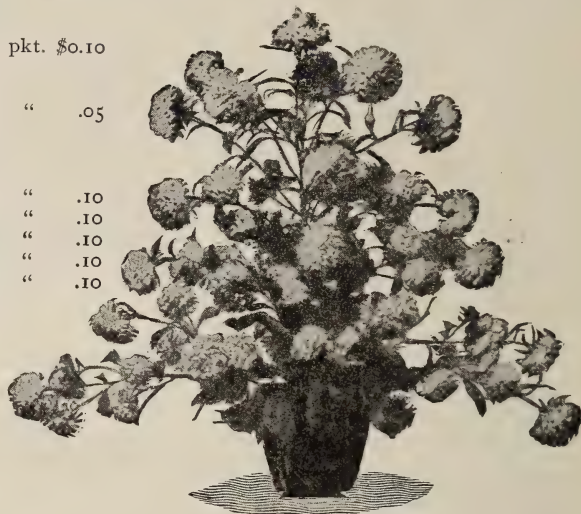
Jewel, or Ball. One of the best. The plants are of fine habit and free bloomers. The flowers are perfectly round in form, and incurved like a chrysanthemum, 2 ft.		
—apple blossom.	per oz. \$2.00	“ .10
—crimson	2.00	“ .10
—deep rose.	2.00	“ .10
—purple.	2.00	“ .10
—rose and white.	2.00	“ .10
—azure blue.	2.00	“ .10

Jewel, or Ball, red violet.	per oz. \$2.00	pkt. \$0.10
—pure white.	2.00	“ .10
—mixed.	1.50	“ .10
—collection, 6 distinct colors, .50.		

La Superbe. Beautiful pæony-like flowers, 2 ft.		
—rose	per oz. \$2.50	“ .10
—azure blue and white.	2.50	“ .10
—white.	2.50	“ .10
—mixed.	2.50	“ .10

Mignon. Not surpassed by any for cutting. The flowers are of fine form, attractive alike in the garden and bouquets, 1½ ft.		
—crimson	per oz. \$1.75	“ .10
—rose	1.75	“ .10
—white	1.75	“ .10
—scarlet	1.75	“ .10
—rosa-alba	1.75	“ .10
—mixed.	1.50	“ .10

Mignon Dwarf. Globe-shaped flowers produced in abundance. Plants very branching, 1 ft.		
—carmine.	per oz. \$2.00	“ .10
—rosy carmine.	2.00	“ .10
—mixed.	2.00	“ .10

**Christmas Tree Aster.**

Midsummer Triumph. Dark scarlet. Same as <i>Triumph</i> , except in time of flowering. Shows bloom in June and is in perfection during July, ¾ ft.	pkt. \$0.10
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Needle Victoria, or Hedgehog. Mixed. A form of the <i>Victoria</i> , with pointed petals, 1½ ft.	per oz. \$2.50	“ .10
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Non Plus Ultra. Mixed. Plants of upright habit, flowers large and double, 1 ft.		
.....	per oz. \$1.50	“ .10
—collection 6 distinct colors, .40.		

Ostrich Feather (Hohenzollern). After the style of <i>Comet</i> , but larger flowers, with soft, wavy, recurved petals. Equal in size and beauty to many Japanese Chrysanthemums, 2 ft.		
—white	per oz. \$2.00	“ .10
—white, changing to rose.	2.00	“ .10
—rose	2.00	“ .10
—crimson	2.00	“ .10
—reddish lilac	2.00	“ .10
—malmaison rose.	2.00	“ .20
—mixed.	1.75	

ASTERS—Continued.

Pæony-Flowered Perfection, Truffaut's, Improved. A general favorite. The plants are of branching, pyramidal form and very floriferous. Our stock of this seed is a great improvement on what is generally offered; the flowers are larger, fuller, of better form, and the petals more incurved, like a chrysanthemum, 2 ft.

—blood red.....	per oz. \$1.75	pkt. \$0.10
—brilliant rose.....	" 1.75	" .10
—brilliant scarlet.....	" 1.75	" .10
—dark blue.....	" 1.75	" .10
—delicate rose.....	" 1.75	" .10
—crimson.....	" 1.75	" .10
—carmine rose.....	" 1.75	" .10
—light blue.....	" 1.75	" .10
—snow white.....	" 1.75	" .10
—amethyst blue.....	"	.20
—mixed.....	" 1.50	"
—collection, 12 distinct colors.....	.60.	
—collection, 6 ".....	.30.	

Queen of the Earlys (Queen of the Market). Very early, blooming about four weeks before the other sorts. Valuable for an early display in the garden, and for cutting, 1½ ft

—crimson.....	per oz. \$1.00	" .10
—light blue.....	" 1.00	" .10
—rose.....	" 1.00	" .10
—white.....	" 1.00	" .10
—salmony rose.....	" 1.00	" .10
—deep scarlet.....	" 1.00	" .10
—mixed.....	" 1.00	" .10

Rose-flowered. Collection, 6 distinct colors, 2 ft., .35.

Triumph. Very beautifully formed, and perhaps most desirable of the dwarf varieties.

—deep scarlet, ¾ ft.....	per oz. \$2.00	" .10
—scarlet and white.....	" 2.00	" .10

Triumph, white.....	per oz. \$2.00	pkt. \$0.10
—carmine.....	" 3.00	" .10
—dark blue.....	" 3.00	" .10
—mixed.....	" 2.00	" .10

Victoria, Improved. Of vigorous habit, pyramidal form, flowers very large, beautifully imbricated and freely produced. There is nothing superior, 1½ ft.

—azure blue.....	per oz. \$2.50	" .10
—dark blue.....	" 2.50	" .10
—scarlet.....	" 2.50	" .10
—crimson.....	" 2.50	" .10
—light rose.....	" 2.50	" .10
—carmine rose.....	" 2.50	" .10
—rose and white.....	" 2.50	" .10
—peach blossom.....	" 2.50	" .10
—purple violet.....	" 2.50	" .10
—white.....	" 2.50	" .10
—white, tinted rose.....	" 2.50	" .10
—sulphur yellow.....	" 2.50	" .10
—coppery rose.....	" 2.50	" .10
—mixed.....	" 2.00	" .10
—collection, 12 distinct colors.....	.70.	
—collection, 6 ".....	.40	

Victoria, dwarf. Resembles the above, but of much dwarfer habit, ¾ ft.

—light blue.....	per oz. \$2.00	" .10
—rose.....	" 2.00	" .10
—snow white.....	" 2.00	" .10
—mixed.....	" 1.75	" .10

Washington. Mixed. The largest flowering sort in existence. Valuable for exhibition purposes, 2 ft..... per oz. \$2.00 " .10
—collection, 6 distinct colors, .40.

Single Flowered Marguerite. Mixed. Abundance of flowers, variety of color, and suitableness for cutting will make this popular, 2 ft..... per oz. \$1.00 " .10

Calendula (Pot Marigold).

"The Marygold of Shakespeare's time." One of the most popular and easily grown hardy annuals. The plants are strong, free flowering and do well in almost any situation, although they prefer a warm, loose soil. They bloom the whole season, particularly if the flowers are picked. It is usual to sow the seeds where the plants are intended to stand, but they will bear transplanting. Calendula make good pot plants and flower freely during winter.

La Proust. Buff, 1½ ft.....	per oz. \$0.25	pkt. \$0.05
Meteor. Creamy centre, edged with orange, 1 ft.	" .25	" .05
Nankeen. A beautiful shade, 1 ft.....	" .25	" .05
Prince of Orange. Orange, 1 ft.....	" .25	" .05
Pluvialis (Cape Marigold). White, 1 ft.....	" .25	" .05
Ranunculoides (Garden Marigold), 1 ft.....	" .25	" .05
Sulphurea. Pale yellow, 1 ft.....	" .25	" .05
Superba. Yellow, dark eye, 1 ft.....	" .25	" .05

**Calendula (Pot Marigold).**

The seeds, etc., which I received from your Firm, I am pleased to inform you, have proved very satisfactory indeed. I will confidently recommend them to any of my acquaintances who may require such goods.

Faithfully yours,

JAMES McBRIDE,

Gardener State Hospital,
Tewksbury, Mass.

Candytuft (*Iberis*).**Candytuft (*Iberis*).**

Very showy, branching annual plants that produce flowers which embrace nearly all shades of red, purple and white. The seed may be sown any time indoors and the plants set out where wanted to bloom, when the weather is suitable. A succession of sowings lengthens the season of bloom. Seed sown outdoors in spring will produce flowers from July until September. Candytuft is very effective for beds, borders, etc., and useful for pot culture during winter. It is grown extensively by florists for cutting.

Breck's Improved White Spiral.	White, 1 1/2 ft., per oz.	\$0.50	pkt.	\$0.05
—carmine.	Carmine, 1 ft.	“	.25	“ .05
—crimson, Dunnett's.	Crimson, 1 ft.	“	.25	“ .05
—Empress.	White, 1 ft.	“	.35	“ .05
—Giant Hyacinth-Flowered.	White, 1 ft.	“	.40	“ .05
—Little Prince.	A dwarf Empress. White, 3/4 ft.	“	.50	“ .05
—odorata.	White, 1 ft.	“	.25	“ .05
—Rocket.	White, 1 ft.	“	.25	“ .05
—Rose Cardinal.	Rose, 1 ft.	“	.40	“ .05
—umbellata.	Purple, 1 ft.	“	.25	“ .05
—mixed.	Mixed, 1 ft.	“	.25	“ .05
—dwarf hybrid.	Mixed, 3/4 ft.	“	.60	“ .05

Perennial Candytuft, see *Iberis*.

Gentaurea (Cornflower).

C. Cyanus is the favorite **Bachelor's Button**, or **Ragged Sailor**. This class is of the easiest culture and produces an abundance of bright colored and beautifully formed flowers throughout a very long season. The strain of seed we offer is a very much improved one and embraces everything desired in color and form. Sow seed early outdoors and thin out the plants to 6 or 8 inches apart, or in boxes in the house, and transplant when large enough. The flowers when cut and placed in water increase in size.

Cyanus Emperor William (hA).	Blue, 1 ft., per oz.	\$0.25	pkt.	\$0.05
—brown, 1 ft.	“	.25	“	.05
—red, 1 ft.	“	.25	“	.05
—pink, 1 ft.	“	.25	“	.05
—Victoria, blue, 3/4 ft.	“	.45	“	.10
—lilac, 1 ft.	“	.25	“	.05
—purple, 1 ft.	“	.25	“	.05
—white, 1 ft.	“	.25	“	.05
—double mixed, 1 ft.	“	.25	“	.05
—single mixed, 1 ft.	“	.25	“	.05
Americana.	Reddish lilac, 3 ft.	“	.40	“ .05
—alba, white, 3 ft.	“	“	“	.10

Imperialis alba. White. A new race of hy-

brids. Very large. Sweetly scented flowers. Continuous bloomers and extremely hardy, 3 ft.	per oz.	\$1.50	pkt.	\$0.10
—Armida, lilac.	“	.25	“	.10
—Favorita, rose.	“	.25	“	.10
—purpurea, purple rose.	“	.25	“	.10
—splendens, dark purple	“	.25	“	.10
—mixed	“	.25	“	.10

Moschata (Sweet Sultan). Purple, 1 1/2 ft.	per oz.	\$0.45	“	.05
Sauveolens (Yellow Sweet Sultan). Yellow, 1 1/2 ft.	“	.45	“	.05

**Bachelor's Button.****Gentaurea (Perennial Flowering).**

These differ from the *Cyanus* in their stronger growth, greener foliage and larger, sweeter flowers. To obtain bloom the first season, seed should be sown early indoors. Any ordinary garden soil will answer, but a warm light one gives best results.

Odorata Chameleon.	Yellow and rose, 1 1/2 ft.	per oz.	\$1.50	pkt.	\$0.10
—Margaret, pure white, 2 1/2 in. across, 1 1/2 ft.	“	“	1.50	“	.10

Gentaurea Silver-Leaf (Dusty Miller).

Beautifully cut silvery leaves. These plants are much used for bedding and edging, and thrive almost anywhere. A little care is necessary in watering young seedlings, as they are liable to damp off.

—candidissima (hhP), 1 ft.	per 1/4 oz.	\$1.00	pkt.	\$0.10
—Clementei	“	.75	“	.10
—gymnocarpa	per oz.	.80	“	.10

See Special Offers on third page of cover.

Chrysanthemums, Annual or Summer Flowering.

All the summer flowering chrysanthemums are very effective and showy plants for beds and borders, besides affording an immense material for cutting. The flowers are very beautiful both in form and coloring and are produced abundantly all summer. Sow seed where the plants are wanted to bloom and thin out to 9 inches apart; or stronger, earlier flowering plants can be had by sowing early in a cold frame or in a box in the house, and transplanting when large enough.

Coronarium. White, 1½ ft....per oz. \$0.25	pkt. \$0.05
—yellow, 1½ ft.....“	.25 “ .05
—sulphur, 1½ ft.....“	.25 “ .05
—imbricatum, mixed, 1½ ft.....“	.30 “ .05
—mixed, 1½ ft.....“	.25 “ .05
Tricolor, double. Golden-leaved, mixed, 1½ ft.....per oz. \$0.30	“ .05
—Dunnett's Double Golden, yellow, 1½ ft.....per oz. \$0.75	“ .05
—Eclipse, brown and yellow, 1½ ft. “	.40 “ .05
—Burridgeanum, white and red, 1½ ft.....per oz. \$0.35	“ .05
—Purple Crown, scarlet and yellow, 1½ ft.....per oz. \$0.40	“ .05
—scarlet, 1½ ft.....“	.25 “ .05
—white, 1½ ft.....“	.25 “ .05
—yellow, 1½ ft.....“	.25 “ .05
—double mixed, 1½ ft.....“	.30 “ .05

Erfurt Star. Quilled petals, mixed, 1 ft.....	pkt. \$0.10
Fringed hybrids, 1½ ft.....per oz. \$1.00	“ .10
Inodorum, double, hP. White, 1 ft.....per oz. \$0.75	“ .05
Frutescens (Marguerite or Paris Daisy), hP. White, golden centre. These are the Paris Daisy. They are attractive garden plants and valuable for cutting, 1 ft. per oz. \$1.00	“ .10
—grandiflora lutea. Golden Marguerite, hP. 1½ ft.....per oz. \$1.25	“ .10
Comtesse de Chambord (Yellow Paris Daisy), hP. 1 ft.....per oz. \$1.00	“ .05
Uliginosum, hP. White, 1½ ft. “	1.00 “ .10
Maximum Perfection, hP. White, 2 ft.....per oz. \$1.25	“ .10

Cockscomb (Celosia).

The Cristata sorts have become very popular for bedding; their beautifully formed, highly colored flowers being very attractive and effective. The Plumosa class is splendid in both foliage and flower, very suitable for vases, borders, etc. The “Ostrich Feather” produces large plumes, beautifully curved and curled.

Seed should be sown in a hotbed in March or April, and transplanted to pots when large enough. The size of the combs of the Cristata are greatly increased by several transplantings before the combs form.

Cristata dwarf chamois. Fawn, ¾ ft.....per oz. \$2.50	pkt. \$0.05
—copper-color, bronze, ¾ ft.....“	2.50 “ .05
—dark crimson, ¾ ft.....“	2.50 “ .05
—Empress, purple, ¾ ft.....“	7.00 “ .10
—Glasgow Prize, crimson, ¾ ft.....“	4.00 “ .10
—golden yellow, ¾ ft.....“	3.00 “ .05
—Queen, rose, ¾ ft.....“	3.00 “ .05
—scarlet, ¾ ft.....“	2.50 “ .05
—violet, ¾ ft.....“	2.50 “ .05
—Vesuvius, scarlet, ¾ ft.....“	2.50 “ .05
—mixed, ¾ ft.....“	1.50 “ .05
Collection. 12 dwarf sorts, .60.	
Plumosa. Crimson, 2 ft.....“	.50 “ .05
—golden yellow, 2 ft.....“	.50 “ .05
—Thompson's Superb, crimson, 2 ft.....“	.75 “ .05
—Ostrich Feather, crimson, 3 ft.....“	.75 “ .05
—orange, 3 ft.....“	.75 “ .05
—mixed.....“	.50 “ .05



Celosia—Plumosa.

Coreopsis (Calliopsis).

A genus of very showy annual and perennial plants that are invaluable for garden decoration and cutting. They enhance the color of the garden by their wealth of bright yellow flowers, which is strengthened in some sorts by disks of rich crimson, maroon and various shades of brown. All are of the easiest culture. The seed may be sown where the plants are wanted to bloom, or they may be transplanted. The perennials are all hardy border plants and well worthy a place in every garden. The flowers last well when cut.

Atrosanguinea, hA. Crimson, 2 ft.....per oz. \$0.25	pkt. \$0.05
California Sunbeams, hA. Shades of yellow, 2 ft. “	.50 “ .05
Bicolor marmorata, hA. Yellow and brown, 2 ft. “	.25 “ .05
—nana, hA. Mixed, 1 ft.....“	.30 “ .05
—tinctora, hA. Yellow and brown, 2 ft.....“	.30 “ .05
Coronata, hA. Yellow, 2 ft.....“	.40 “ .05
Drummondii, hA. Yellow and brown, 1 ft.....“	.30 “ .05
Grandiflora, hP. Yellow, 2 ft. “	.50 “ .05
Lanceolata, hP. Yellow, 2 ft. “	.50 “ .05
Perennials, hP. Mixed. Various colors, 2 ft.....per oz. \$0.50	“ .05



Coreopsis—Calliopsis.

Double hybrids, hA. Various colors, 1½ ft.....per oz. \$0.40	pkt. \$0.05
Tom Thumb Crimson King, hA. ½ ft....“	.10
Mixed, hA. 1½ ft.....per oz. \$0.25	“ .05

See Special Offers on third page of cover.

**Cosmos (Cosmea).**

We especially recommend Smith's Massachusetts grown Cosmos as the most desirable and most satisfactory for growing in New England. Under ordinary cultivation they will begin to bloom in July and continue up to frost. The flowers are of good size and delicate shades.

Sow seeds of Smith's Early Flowering varieties in open ground, in light warm soil, early in May and cover not more than half an inch deep. The seed germinates in about ten days. The Cosmos must have the full sunshine, as it will not succeed in shade or in low damp ground. Stable manure and a rich soil will produce too much plant growth at the expense of flowers. High-grade fertilizer, rich in potash, such as *Breck's Lawn and Garden Dressing*, gives best results. Seeds of the later varieties should be sown early in March in a hot-bed or box in the house. When plants are 2 inches high transplant into 2-inch pots, when well established repot into 4-inch pots and water moderately. Transplant to open ground in June. When necessary tie to stakes to prevent injury from wind storms.

Smith's Early Blooming. Pink, 3 ft.....	per oz. \$0.75	pkt. \$0.10	
—white, 3 ft.....	“ .75	“ .10	
—mixed, many beautiful shades, 3 ft.....	“ .75	“ .10	
Camelliaflora. Pink, 5 ft.....	“ .50	“ .05	
—red.....	“ .50	“ .05	
—white.....	“ .50	“ .05	
—mixed.....	“ .50	“ .05	
Fringed. Pink.....	“ .50	“ .05	
Giants'. Mixed.....	“ .50	“ .05	
Golden Yellow.	“ .50	“ .05	
Marguerite.	“ .50	“ .05	
Tints of Dawn.	“ .50	“ .05	
Choice Mixture, above sorts...	“ .50	“ .05	

Fringed. White.....	per oz. \$0.50	pkt. \$0.05	
—Klondyke, yellow, 3 ft.....	“ 1.50	“ .10	
Giants'. Pink.....	“ .50	“ .05	
—red.....	“ .50	“ .05	
—white.....	“ .50	“ .05	

Eschscholtzia (California Poppy).

Large showy flowers in shades of yellow, orange, rose and white. The foliage is bluish green and very attractive. For a display in beds and borders as well as for cutting, these flowers are very satisfactory. The plants are fairly hardy and seed may be sown quite early where wanted to bloom. They are somewhat impatient of transplanting.

Californica, hA. Yellow and orange,					
1 ft.....	per oz. \$0.25	pkt. \$0.05			
—rose cardinal.....	“ .30	“ .05			
—alba, white.....	“ .25	“ .05			
—paniculata rosa. Rosy white, fluted					
petals.....	per oz. \$0.50	“ .05			
—mixed.....	“ .25	“ .05			
Giant (Hunnemannia). Yellow..	“ .40	“ .05			
Crocea. Orange.....	per oz. \$0.30	pkt. \$0.05			
—alba fl. pl., double. White....	“ .30	“ .05			
Mandarin. Orange and scarlet.	“ .30	“ .05			
Maritima (Maltese Cross).	Yel.				
low.....	per oz. .30	“ .05			
Tenuifolia (Fern-Leaved).	Yel.				
low.....	per oz. .30	“ .05			
Mixed	“ .30	“ .05			

Breck's Silver Medal Hollyhocks (Althæa Rosea).

The fungi disease, that for a time made Hollyhocks unpopular, has to a great extent been overcome by propagating healthy plants through several generations, and saving seed from them only. It is still advisable, however, to spray the plants once or twice during spring, and again before coming into bloom, with Bordeaux Mixture.

Breck's Silver Medal strain of seed is American grown, and is, we believe, superior to any obtainable in vigor of growth, texture, quantity and range of color of flowers.

Although Hollyhocks are perennials, young plants produce larger flowers and fresher colors than old ones, therefore we recommend the sowing of seed every year. Plants will flower the same year from seed sown in the greenhouse in January and grown on in pots until time for setting outdoors. Sowings can also be made from May to August for the following year's flowering; when the plants are large enough, transplant to a rich, cool soil, giving each at least a foot of space for growth. The permanent border or location in which they are set should be dug deep and well manured. Abundance of water should be supplied throughout the entire season of growth.

Breck's Silver Medal, hP. Mixed. Very choice, contains every desirable color, 6 ft.....	per oz. \$2.50	pkt. \$0.10	
Chater's Double. Mixed.....	“ 2.00	“ .10	
Double. Mixed.....	“ 1.50	“ .05	
Single. Mixed.....	“ 1.50	“ .05	
Collection. 12 distinct colors, \$1.00.			
Allegheny. Mixed. Semi-double, fringed flowers.....	“	.10	

**Hollyhocks.**

Strong Flowering Plants, 25 cts. each, \$2.50 per doz., \$18.00 per 100.

See Special Offers on third page of cover.

Larkspur (Delphinium).

Larkspurs thrive in any good garden soil, but are of much better color and texture of flower when grown in a deep, rich, sandy loam. Both the annual and perennial sorts are easily raised from seed, but as it is somewhat slow in germinating fall or very early spring sowing is recommended. The perennial sorts are also propagated by cuttings and divisions of roots. Seedlings should be given plenty of room by transplanting; they may be set out where they are intended to flower any time in May or June. The tall sorts are very suitable for setting among shrubbery and in borders; the dwarf kinds are effective for beds. Two crops of flowers can be had each season by cutting away the flower stems of the first crop as soon as the flowers have faded.

Bismarck , hA. Red stripe d, 1 ft.....	pkt. \$0.05	Elatum , (Bee Larkspur), hA. Blue, 4 feet.....	per oz. \$0.40	pkt. \$0.05
Candelabrum , hA. Double, mixed, 1 ½ ft.....	per oz. \$0.75	Formosum , hP. Blue and white, 2 ½ feet.....	per oz. \$0.50	" .05
Double Dwarf Rocket , hA. Mixed, 1 ft.....	per oz. \$0.30	Grandiflorum album , hP. White, 2 feet.....	per oz. \$0.50	" .05
Emperor , hA. Mixed, 1 ½ ft....	" .40	Double Hybrids , hP. Mixed, 2 feet.....	per oz. \$0.50	" .05
Giant Hyacinth Flowered , hA. Mixed, 2 ft.....	per oz. \$0.30	Nudicaule , hP. Scarlet, 1 ½ ft..	" 2.50	" .10
Tall Rocket , hA. Mixed, 2 ½ ft. "	" .30	Zalil , hP. Yellow, 1 ft.....	" "	" .10
Cardinale , hP. Scarlet, 3 ft.....	" .10	Collection . 6 varieties, Dwarf Rocket, .30.		
Cashmerianum , hP. Purplish blue, 3 ft....	" .25	Collection . 6 varieties, Tall Rocket, .30.		
Chinese Double , hP. Blue, 2 ft..per oz. \$0.40	" .05			

Marigolds (Tagetes). (See also *Calendula*.)

For adding shades of yellow to the garden effect in late summer and autumn the African and French Marigolds are unsurpassed. They make nice beds when grown together, the French sorts being used for edging; both sorts are also very desirable for borders or for brightening up any bare or colorless spots. The seed we offer is *Scotch grown* especially for us and produces flowers that cannot be equalled. Sowings should not be made outdoors until danger from frost is passed.

Breck's Scotch Prize . African lemon, hA, 2 ft....	per oz. \$0.30	pkt. \$0.05
—quilled.....	" .30	" .05
—orange.....	" .30	" .05
—quilled.....	" .30	" .05
—El Dorado, yellow.....	" .30	" .05
—Pride of Garden, yellow, 1 ½ ft.....	" .30	" .05
—mixed, 2 ft.....	" .30	" .05
—collection of 6 distinct varieties, .25		
— French Tall Double . Mixed, 2 ft.....	" .30	" .05
—dwarf double, mixed, 1 ft.....	" .30	" .05
—striped, brown and yellow.....	" .30	" .05
—purple and gold.....	" .30	" .05
—gold edged, ¾ ft.....	" .30	" .05
—mixed, 1 ft.....	" .30	" .05
—collection 6 distinct varieties, 25.		

Signata Pumila . Golden ring, brown and yellow.....	per oz. \$0.40	" .05
—Cloth of Gold, yellow.....	" .40	" .05

Mignonette (Reseda Odorata).

Well known, fragrant favorites, delightful for working into bouquets. For winter flowering seed should be sown in July or August. All the sorts we offer are very fine, but especial attention is called to Breck's Giant Machet and Golden Machet as being particularly good and the most desirable for pot culture. A succession of bloom during both summer and winter may be had by repeated sowings.

Grandiflora , hA. White, 1 ft..per oz. \$0.15	pkt. \$0.05	Golden Machet . Yellow.....	per oz. \$0.50	pkt. \$0.10
Allen's Defiance . Red and white, 1 ½ ft.....	per oz. \$0.30	Golden Queen . Yellow.....	" .30	" .05
—Bismarck. Machet type, reddish colored flowers.....	" .10	—Goliath. Bright red, very large, 2 ft.....	" .10	
Breck's Giant Machet . Red..per oz. \$0.50	" .10	Miles' Spiral . White, 1 ½ ft...per oz. \$0.25	" .05	
Crimson Giant, or Queen . Red. " .30	" .05	Parson's White . White.....	" .25	" .05
Gabriele . Red.....	" .50	Victoria . Red.....	" .50	" .10
		White Prize . White.....	" .30	" .05

Breck's Rainbow Nasturtiums (Tropæolum).

Many people are disappointed in the Nasturtiums they raise. A great variety of soft and pleasing colors were looked for, but only old hard reds and yellows were produced. This result is chiefly due to importing cheap seeds in mixture from Europe. The seed we offer is an *American product*. All the different sorts and colors are grown separately, so that we have opportunity to choose only the really beautiful kinds. These we mix ourselves in proper proportion so that our customers may be assured of having all the effective shades of pink, rose, scarlet, crimson, brick, claret, chocolate, brown, garnet, orange, primrose, yellow and white. Seed may be planted, one inch deep, early in April, where wanted to bloom or in any convenient place, and the plants when large enough transplanted to the beds, etc.

See Special Offers on third page of cover.



Tagetes Signata Pumila.

—collection 12 distinct varieties, .40.

Signata Pumila. Brown and yellow, 1 ft.....per oz. \$0.40



NASTURTIIUMS—Continued.

Lobb's Nasturtiums (*Tropæolum Lobbianum*) are more delicate in flower and foliage than the others, and equally desirable.

Dwarf Varieties.

—Aurora, yellow veined, ¾ ft....	per oz.	\$0.15	pkt.	\$0.05
—Beauty, yellow and scarlet.....	"	.15	"	.05
—black (King Theodore).....	"	.15	"	.05
—bronze.....	"	.15	"	.05
—cœrulea rosea, peach.....	"	.15	"	.05
—crimson.....	"	.15	"	.05
—Crystal Palace Gem, spotted....	"	.15	"	.05
—Cloth of Gold, yellow.....	"	.15	"	.05
—Empress of India, dark leaved, crimson	"	.15	"	.05
—Golden King, yellow..	"	.15	"	.05
—King of Tom Thumbs, carmine.	"	.15	"	.05
—Lady Bird (Bird Flower,) orange and red	"	.15	"	.05
—Pearl, white.....	"	.15	"	.05
—Ruby King, carmine.....	"	.15	"	.05
—rose.....	"	.15	"	.05
—scarlet.....	"	.15	"	.05
—spotted.....	"	.15	"	.05
—yellow.....	"	.15	"	.05
—Breck's Rainbow Mixture.....	"	.15	"	.05

per lb. \$2.00

—collection, 12 distinct varieties, .50

Lilliput. Mixed, ½ ft. per oz. .25 " .05

Tall or Climbing Sorts.

—atropurpureum, dark crimson, 10ft	"	.15	"	.05
—coccineum, scarlet.....	"	.15	"	.05
—cœruleum roseum, dark rose....	"	.15	"	.05
—Dunnett's Orange, orange.....	"	.15	"	.05
—Edward Otto, lilac.....	"	.15	"	.05

Tall or Climbing Sorts.

—Heinemanni, chocolate.....	per oz.	\$0.15	pkt.	\$0.05
—hemisphericum, orange.....	"	.15	"	.05
—King Theodore, marbled.....	"	.15	"	.05
—luteum, yellow.....	"	.15	"	.05
—Moonlight, pale straw.....	"	.15	"	.05
—regelianum, violet.....	"	.15	"	.05
—Scheurvianum, sulphur.....	"	.15	"	.05
—coccinium, yellow striped....	"	.15	"	.05
—Sunlight, golden yellow.....	"	.15	"	.05
—mixed.....	"	.15	"	.05

Tropæolum Lobbianum, Asa Gray, white,

8 ft.	per oz.	\$0.50	"	.10
—Brilliant, scarlet.....	"	.25	"	.05
—Crown Prince, dark red.....	"	.25	"	.05
—Giant of Battles, carmine.....	"	.25	"	.05
—Good Venture, choice mixture..	"	.25	"	.05
—Lili Smith, crimson and scarlet.	"	.25	"	.05
—Lucifer, dark crimson.....	"	.25	"	.05
—Napoleon III, striped.....	"	.25	"	.05
—Roi des Noirs, black.....	"	.25	"	.05
—Spitfire, scarlet.....	"	.25	"	.05
—yellow.....	"	.50	"	.10
—mixed.....	"	.25	"	.05

—collection, 12 colors, .50.

Mme. Gunther's Hybrids. Mixed " .25 " .05

Peregrinum (Canary Bird Flowers).

yellow..... \$0.35 " .10

Pansy (Viola Tricolor).

The Pansy is one of our specialties. Nearly all the seed we offer is grown for us under contract, by persons who give special attention to their particular pet strain. For size and form of flowers, variety and brilliancy of colors and markings, there is nothing approaches those we offer. *Breck's Boston Prize* is an American strain and is superior to any European mixture. Since Mr. Bugnot's death we have had grown for us by a French Pansy Specialist seed of that famous strain. Our present grower is familiar with the methods followed by Mr. Bugnot and continues them with satisfactory results. The flowers are immensely large and wonderful in their coloring.

The *English* and *Scotch Prize Pansies* are remarkably fine; they are from the finest collections in these countries.

Our *Trimardeau Pansies* embrace the cream of that type, and will give perfect satisfaction in every particular.

Pansies repay good treatment in profusion and size and brightness of flower, as well as in large, handsome foliage. They delight in a cool moist soil and a situation that protects them from cutting winds as well as the midday sun. To obtain large flowers early in spring seed should be sown in July or August and the plants protected with a frame during winter. Spring sown seed does very well, although the flowers produced are not so large.

Breck's Boston Prize, hP. Mixed. 1 ft. per oz. \$7.00 pkt. \$0.25

Breck's International Prize. Mixed... 4.00 " .15

Bugnot's Private Strain. Mixed..... .50

Bugnot's Blotched. Mixed..... pkt. \$0.25

Belgian Blotched. Mixed, ¾ ft. per oz. \$2.50 " .10

Cassier's Giant Odier. Mixed " 5.00 " .20

English Fancy. Mixed..... " 2.00 " .10

—Show. Mixed..... " 2.00 " .10

Lyon Perfection. Mixed..... " 5.00 " .20

Scotch Prize. Mixed..... " 5.00 " .20

Trimardeau, or Giant, Mixed.

Mixed..... per oz. \$3.00 " .10

—atropurpurea. Purple..... " 3.00 " .10

—Emperor William. Blue..... " 3.00 " .10

—golden yellow. Yellow..... " 4.00 " .10

—Golden five spotted. Variegated " 3.00 " .10

—King of the Blacks. Dark purple. " 3.00 " .10

—Lord Beaconsfield. Yellow and white..... per oz. \$2.50 " .10



Masterpiece.

Trimardeau, or Giant.

—red and brown shades..... per oz. \$4.00 pkt. \$0.10

—striped. Striped..... " 2.50 " .10

—yellow marbled. Variegated... " 3.00 " .10

—white, dark eye. White and purple..... per oz. \$2.50 " .10

Large-flowered. Azure blue, ½ ft. " 2.00 " .10

—black, yellow eye..... " 2.00 " .10

—bronze..... " 2.00 " .10

—brown..... " 2.00 " .10

—Candidissima (Snow Queen). " 2.00 " .10

—White..... " 2.00 " .10

—Cardinal. Red..... " 3.00 " .10

—dark blue..... " 2.00 " .10

—Emperor William. Blue..... " 2.00 " .10

—fawn..... " 2.00 " .10

See Special Offers on third page of cover.

PANSIES—Continued.**Large-flowered.**

—Faust, or King of Blacks.....	per oz.	\$2.00	pkt.	\$0.10
—gold margined.....	"	2.00	"	.10
—Havana brown.....	"	2.00	"	.10
—Lord Beaconsfield. Blue and white	"	2.00	"	.10
—mahogany color.....	"	2.00	"	.10
—dark, white edge.....	"	2.00	"	.10
—striped.....	"	2.00	"	.10
—Victoria. Red.....	"	3.00	"	.10
—violet.....	"	2.00	"	.10

Large-flowered.

—Tufted Pansies. All the fine colors,	¾ ft. ...	pkt.	\$0.20
—Masterpiece. Giant curled, blue and white,	¾ ft.	"	.10
—La Parisienne. Mixed, fine large flowers,			
light colors, ¾ ft.....	per oz.	\$2.50	" .10
—choice mixed.....	"	4.00	" .15
—fine mixed.....	"	1.00	" .05
—collection, 18 colors, .80.			
—collection, 12 colors, .60.			
—collection, 6 colors, .30.			

Poppy (Papaver).

These beautiful varieties of poppies are so well known that it is needless to say anything in their favor. Quite a number of the perennial varieties bloom the first year from seed if sown early. The Alpinum sorts are of low growth and constant bloomers. Cardinal hybrids embrace several shades of rose, chamois, and brick red. Chinese have double feathery flowers. Danebrog, bright scarlet, with a white spot at the base of each petal. Lævigatum single, scarlet, black spots and white margin. Mephisto, scarlet and black spots. Mikado, feathery petals, white fringed with crimson. The Nudicaule are all charming sorts that bloom very early. Oriental, one of the best, dark scarlet with a purple spot at the base of each petal. Pavonium, scarlet, with a black horseshoe-shaped blotch at the base of each petal. Shirley is fine for cutting, having long stems. The new strain we offer produces softer and more pleasing shades than we have offered hitherto. Yellow Rose, carnation-flowered sort, with pale yellow and rose flowers. Boston Peerless embraces a choice assortment of single and double sorts.

Sowings made in August, and again several times during

spring, will produce a continuous bloom from early summer until frost. The seed should be sown where the plants are wanted to bloom, as Poppies do not take kindly to transplanting. Cover only very lightly, and firm the soil with a flat board. When large enough, thin out the plants to about a foot apart. A sandy loam and early spring sowings produce the best flowers.

Alpinum album , thP. White, 1 ft., ¼ oz.	\$2.00.	pkt.	\$0.05
—roseum, rose, thP. 1 ft. ¼ oz.	\$2.00.	"	.05
—fringed, thP. White, salmon, rose, orange,			
mixed, 1 ft.....	"	.10	
—mixed, thP, 1 ft., ¼ oz.	\$1.50.....	"	.05
Bracteatum , thP. Red, 4 ft....	per oz.	\$0.30	" .05
Cardinal , hA. Double, scarlet,			
1½ ft.....	per oz.	\$0.60	" .10
—hybridum, hA. Double, mixed,			
1½ ft.....	per oz.	\$0.30	" .05
Chinese , hA. Mixed double, scarlet and white,			
1 ft.....	per oz.	\$0.30	" .05
Carnation , hA. Double, mixed,			
2 ft.....	per oz.	\$0.25	" .05
Danebrog (Danish Flag), hA. Scarlet and			
white, 2 ft.....	per oz.	\$0.25	" .05
Glaucum (Tulip Poppy), hA. Scarlet,			
1 ft.....	per oz.	\$0.75	" .05
Lævigatum , hA. Scarlet and black,			
1½ ft.....	per oz.	\$1.00	" .05
—Miss Sherwood, hA. Satiny white and rose,			
2½ ft.....	per oz.	\$0.75	" .10
—Maid of the Mist, hA. White, single pæony			
flowered, 2 ft.....	"	.10	
Mephisto , hA. Crimson and black,			
2 ft.....	per oz.	\$0.25	" .05
Mikado , hA. Double, scarlet and white,			
1 ft.....	per oz.	\$0.25	" .05
—May Campbell, hA. Double, snowy white 1½ ft			
Nudicaule (Iceland Poppy), thP. Yellow,			
1½ ft.....	per oz.	\$1.00	" .10
—fl. pl., thP. Double, yellow, 1½ ft.	"	5.00	" .10

Nudicaule alba , thP. White, 1½ ft. per oz.	1.00	pkt.	\$0.10
—aurantiacum, thP. Orange, 1½ ft.	"	.75	" .10
—coccineum, thP. Double, scarlet,			
1½ ft.....	per oz.	\$6.00	" .10
—striped, thP. Golden yellow and orange-red,			
1½ ft.....	"	.10	
—mixed, single, thP, 1½ ft.....	per oz.	\$0.75	" .10
Oriental (Oriental Poppy), hP. Scarlet and			
purple, 2 ft.....	per oz.	\$1.75	" .10
Pavonium (Peacock Poppy), hA. Scarlet and			
blue, 1 ft.....	per oz.	\$0.50	" .05
Pæony-flowered , hA. Double, mixed,			
1½ ft.....	per oz.	\$0.25	" .05
Ranunculus-flowered , hA. Mixed,			
2 ft.....	per oz.	\$0.25	" .05
Shirley , hA. Mixed, 1½ ft.....	"	.50	" .05
—Dwarf, hA. The Shirley colors,			
1 ft.....	"	.10	
Somniferum (Opium Poppy), hA. White,			
3 ft.....	per oz.	\$0.25	" .05
Umbrosum , hA. Crimson, 1½ ft.	"	.30	" .05
Victoria Cross , hA. Crimson and white,			
1½ ft.....	per oz.	\$0.30	" .05
White Swan , hA. Double, white,			
2 ft.....	per oz.	\$0.50	" .05
Yellow Rose , hA. Double, yellow,			
1½ ft.....	per oz.	\$0.75	" .05
Collection. 12 annual varieties, .50.			
Collection. Carnation-flowered, 12 colors, .40.			
—Pæony-flowered, 12 colors, .40.			
Boston Peerless , hA, 2 ft....	per oz.	\$0.60	" .10
Collection. 6 perennial varieties, .25.			

Extract from letter written by
DANIEL WEBSTER TO HIS FARMER, JOHN TAYLOR,
September 14th, 1851.

If you have not the right seed send for it to Mr. Breck.
...Be careful on this point.

See Special Offers on third page of cover.

Sweet Peas (*Lathyrus odoratus*), Eastern Grown.

We have endeavored to simplify the selecting of Sweet Peas by reducing our list of varieties, and by specifying those sorts that, in the opinion of leading specialists, are most representative and desirable for persons who desire to grow the named kinds but who have not facilities for, or do not care to bother with, the very long list of sorts now offered.

We were the first seedsmen in America to make a specialty of Sweet Peas, and can in all modesty claim to have done much to improve and popularize these gems of beauty and fragrance. We still maintain our position, with the largest stock of the best strains of the kinds that give satisfaction to planters, and our customers will find here catalogued as full a representation of colors and forms as necessary.

A large proportion of the seed we offer was grown in New York State, consequently is of more vigorous habit and healthier than much of the seed generally offered that is produced in milder climates; neither is this Eastern grown seed as liable to fungi attack and blight as the other. We caution our friends to be wary of low priced Sweet Peas as these are generally "volunteer" or spontaneous crops that have come up in fields where Sweet Peas were formerly planted. There is rarely health, variety or anything else the Sweet Pea lover wishes for in such seeds.

Seeds should be sown as early as possible, in drills six inches deep. At the time of sowing cover only with one inch of soil and fill in the drill as the young plants grow, taking care not to cover the top of the plants. A deep, rich soil and a sunny situation is best.

BRECK'S BOSTON MIXTURE. *The very best mixture offered at any price. It includes in good proportions over sixty of the choicest kinds. Oz., 10 cts.; ¼ lb., 25 cts.; 1 lb., 75 cts.*

ECKFORD'S MIXTURE. Lb., 60 cents. **GOOD MIXTURE.** Lb., 50 cents.

SIXTY ONE-OUNCE PACKAGES, each distinctly labeled, selected from the following sorts, \$3.00.

THE BEST NINE SWEET PEAS. SCARLET SHADES: *Gorgeous, Mars, Salopian.* **WHITE SHADES:** *Blanche Burpee, Sadie Burpee, Snowdrift.* **BLUE SHADES:** *Countess Cadogan, Lady Grisell Hamilton, Navy Blue.*

THE BEST TWENTY SWEET PEAS. *Earliest of All, Captivation, Chancellor, Coronet, Emily Eckford, Gorgeous, Lady Grisell Hamilton, Lady Mary Currie, Lottie Hutchins, Lovely, Mars, Mrs. Eckford, Navy Blue, Othello, Prince Edward of York, Prince of Wales, Princess of Wales, Royal Rose, Sir George White, Triumph.*

The Collection of Nine for 35 cents. The Collection of Twenty for 75 cents.

General List.

10 cts. per oz.; 5 cts. per pkt., except as noted.

Aurora. Flaked orange-salmon, largest striped.
Black Knight. Deep maroon.
Blanche Burpee. Large, pure white.
Blanche Ferry. Extra early. Fine pink and white.
Blushing Bride. Bright rose and white.
Brilliant. Bright scarlet, sunproof.
Captain of the Blues. Standard light maroon.
Captivation. Beautiful claret color.
Chancellor. Bright shade of orange-pink.
Colonist. Soft lilac, overlaid with rose.
Coquette. Primrose-yellow, shaded pale lavender.
Coronet. White, striped orange-pink.
Countess Cadogan. Reddish-mauve.
Countess of Aberdeen. Soft pink, turning to pale rose.
Crown Jewel. Primrose ground, veined with violet-rose.
Daybreak. Watered crimson-scarlet on white ground.
Duke of Sutherland. Deep claret and indigo-blue.
Earliest of All. Pink and white, 10 days earlier than others.
Emily Eckford. Reddish-mauve standard, wings blue.
Emily Henderson. Pure white, blooms quite early.
Emily Lynch. Deep rosy-pink, shaded buff.
Firefly. A fiery shade of scarlet.
Gorgeous. Salmon-orange, wings softer and deeper.
Gray Friar. Watered purple on white ground.
Harvard. The true Harvard crimson.
Juanita, or Celestial. White, striped lavender.
Lady Grisell Hamilton. Pale lavender-blue.
Lady Mary Currie. Orange-pink, shaded rosy-lilac.
Lady Nina Balfour. Very delicate mauve.
Little Dorrit. Pink standard, white wings.
Lottie Eckford. White, suffused with lavender-blue.
Lottie Hutchins. Cream, flaked with pink.
Lovely. Soft shell-pink.

Maid of Honor. White, edged with blue.
Mars. Very bright scarlet, large, and finely formed.
Modesty. Delicate shade of pink.
Mont Blanc. As early as "Earliest of All." Pure white, fine form. 20 cts. pkt.
Mrs. Eckford. Beautifully shaded primrose-yellow.
Mrs. Jos. Chamberlain. Striped bright rose on white.
Navy Blue. Largest size, deep violet-blue.
New Countess. Beautiful lavender.
Othello. Deep glossy maroon.
Pink Friar. Carmine-rose, suffused on silvery white.
Prima Donna. A lovely, soft shade of pink.
Prince Edward of York. Standard scarlet, wings rose.
Prince of Wales. Bright rose.
Princess of Wales. Striped, mauve on white.
Queen Victoria. Primrose, overlaid with faint purple.
Ramona. White, daintily splashed with pale pink.
Red Riding-Hood. Rosy-pink.
Royal Rose. Deep rosy-pink.
Sadie Burpee. Very large and fine. Pure white.
Salopian. Very fine scarlet.
Senator. Striped. Bright brown and chocolate.
Sensation. White, suffused with faint blush.
Shahzada. Dark maroon, shaded purple.
Sir George White. A very fine white.
Snapdragon. A white "Red Riding-Hood."
Snowdrift. A splendid white.
Splendor. Superb bright rose, shaded crimson.
Stanley. Rich, dark maroon.
Stella Morse. Primrose, flushed pink.
Triumph. Standard orange-pink, wings white, flushed.
Venus. Salmon-buff, shaded rosy-pink.
Double Sweet Peas. Mixed in eleven varieties.

See Special Offers on third page of cover.

SWEET PEAS—Continued.

Cupid Sweet Peas. These beautiful little miniature plants produce large sized flowers quite freely, and in dry seasons they are in some respects preferable to the tall growing kinds.

Apple Blossom. Large, beautifully hooded flowers, borne four on a stem. Bright rose and pink.....	per oz.	\$0.10	pkt.	\$0.05
Alice Eckford. Rich cream tinted standard, white wings.....	"	.10	"	.05
Beauty. Standard rose-colored, shaded lighter, wings rosy-carmine.....	"	.10	"	.05
Boreatton. Standard rich wine-brown with deeper veinings, wings deep mauve.....	"	.10	"	.05
Captain of the Blues. Standard reddish-purple, tinted with violet, wings approaching deep blue.....	"	.10	"	.05
Countess of Radnor. Standard lavender, suffused with rose, wings light lavender.....	"	.10	"	.05
Firefly. Standard glowing scarlet, wings deep, rich rose.....	"	.10	"	.05
Pink Cupid. Bright pink.....	"	.10	"	.05
Primrose. A rich creamy tint.....	"	.10	"	.05
Royalty. Deep rosy-pink.....	"	.10	"	.05
Stella Morse. Standard buff, tinted with apricot, wings soft rosy-carmine.....	"	.10	"	.05
White Cupid. Pure white. The first of this race.....	"	.10	"	.05
Blanche Burpee. White. (2 pkts. for 25 cts.).....	"			.15
Prima Donna. Soft pink. (2 pkts. for 25 cts.).....	"			.15
Senator. Silver gray, striped with claret. (2 pkts. for 25 cts.).....	"			.15

Bush Sweet Peas. Gray Friar. Grows in perfect bush form and does not require a trellis.

Height about 18 inches. The flowers are all borne at the top of the plants.....per oz. \$0.10 " .05

Monarch. True bush habit. Flowers bronzy-maroon....." .10 " .05

Sunflowers (Helianthus).

Most Sunflowers being of coarse growth are not suited for beds or ornamental locations near the house, but are very desirable for growing in shrubberies, against fences, or making backgrounds for, and mixing in borders. They do well in any kind of land, from light sandy to swampy; they, however, do not grow to perfection if heavily shaded. Seeds may be sown where the plants are wanted, or indoors in March and April, and transplanted when weather is suitable. *Argophyllus* has beautiful silvery foliage. *Californicus*, large double orange colored flowers. *Cucumerifolius* is of branching habit and covered with small dark centred flowers. *Early Double Flowered* produces flowers from July until frost. *Folia aurea variegata* and *nana variegata* have beautiful yellow splashed foliage. The *multiflorus* are showy perennial varieties. *Golden Bouquet* and *Stella* are particularly desirable on account of their early blooming qualities. *Lenticularis* of graceful branching habit.

Argophyllus (Texas Silver Queen) hA, 6 ft.....	per oz.	\$0.20	pkt.	\$0.05
Californicus double , hA, 4 ft..	"	.15	"	.05
Cucumerifolius , hA, 4 ft.....	"	.25	"	.05
Early Double Flowered , hA, 6 ft.	"	.25	"	.05
Folia aurea variegata , hA, 5 ft.	"	.25	"	.10
Globulus fistulosus plenus , hA, 4 ft.....	per oz.	\$0.20	"	.05
—multiflorus, thhP, 6 ft.....	"	.30	"	.05
—plenus. (Golden Ball Dahlia), thhP, 5 ft.....	"	\$0.30	"	.05
Golden Bouquet , hA, 3 ft.....	pkt.	\$0.05		
Giant Russian , hA, 7 ft.....	"	.05		
Lenticularis (Thousand Flowered), hA, 10 ft.....	per oz.	\$0.30	"	.05
Nana variegata , hA, 3 ft.....	"	.30	"	.05
Orion , cactus-dahlia like flowers, hA, 4 ft.....	per oz.	\$0.30	"	.05
Oscar Wilde , black centre, hA, 3 ft.....	per oz.	\$0.30	"	.05
Stella , hA, 4 ft.....	"	.30	"	.05
Mixed , hA, varied.....	"	.15	"	.05

Breck's Zinnias.

Breck's Defiance is without exception the finest strain of large Double Zinnias offered. The plants are of vigorous branching habit and produce freely immense double flowers in an endless variety of splendid colors; not the old hard red, but innumerable delicate and velvety shades. The separate colors are saved from the same collection, which is admitted to be the finest in Europe. Seed sown early in heat will begin to bloom in June and continue until frost, or seed may be sown outdoors where the plants are intended to bloom.

—Breck's Defiance, tall double, mixed, hA, 2 ft.....	per oz.	\$0.50	pkt.	\$0.05
—carmine, hA.....	"	.50	"	.05
—crimson, hA.....	"	.50	"	.05
—flesh pink, hA.....	"	.50	"	.05
—golden yellow, hA.....	"	.50	"	.05
—light yellow, hA.....	"	.50	"	.05
—lilac, hA.....	"	.50	"	.05
—purple, hA.....	"	.50	"	.05
—rose, hA.....	"	.50	"	.05
—scarlet, light, hA.....	"	.50	"	.05
—scarlet, dark, hA.....	"	.50	"	.05
—striped, hA.....	"	.50	"	.05
—white, hA.....	"	.50	"	.05
Dwarf , mixed, hA, 1½ ft.....	per oz.	\$0.60	pkt.	\$0.05
Dwarf , also in above colors separate, hA.....	per oz.	\$0.60	"	.05
Collections 6 colors, hA, .30.				
Large robust , mixed, hA, 2½ ft.,	"	.75	"	.10
Lilliput , mixed, hA, ¾ ft.....	"	.75	"	.10
Tom Thumb , mixed, hA, ½ ft..	"	1.00	"	.10
Curled and Crested , mixed, hA, 1 ft.....	"	.75	"	.10
Haageana , double, yellow, hA, 1 ft.....	"	1.25	"	.10

Would say that what I have got from your house has given satisfaction and I shall continue to trade with you.

Yours very truly,

WM. THATCHER,

Gardener to Mrs. J. L. Gardner,
Brookline, Mass.

**CYCLAMEN — Bush Hill Pioneer.****Papilio.**

NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower.	Price per Oz. Pkt.	DESCRIPTION.
<i>Abobra</i> , see Climbers					
<i>Abroonia</i> arenaria	hhA	trai.	yel.	.50 5	Sweet scented, verbena-like trailers. Do best in light soil. Sow in open ground in May.
umbellata grandiflora	"	"	rose	.50 5	
villosa	"	"	pur.	.50 5	
<i>Abutilon</i> , see Seeds for Greenhouse					
<i>Abyssinian Grass</i> , see Ornamental Grasses					
<i>Acacia</i> , see Seeds for Greenhouse					
<i>Acanthus</i> mollis	hP	3	white	5	Ornamental foliage, valuable for decorative purposes.
<i>Achillea</i> ptarmica, flore pleno (Yarrow)	"	1	"	10	
The Pearl	"	1½	"	10	Flowers freely throughout summer and autumn. Excellent for cutting.
<i>Achimenes</i> , see Seeds for Greenhouse					
<i>Aconitum</i> napellus (Monks Hood)	"	3	blue	5	Popular plants, adapted to shady situations.
pyrenaicum	"	"	yel.	5	
mixed	"	"	mix'd	1.00 5	
<i>Acroclinium</i> , see Everlastings					
<i>Adenophora</i> liliifolia	"	3	l. blue	10	Free flowering, fragrant border plant.
<i>Adlumia</i> (Alleghany Vine), see Climbers					
<i>Adonis</i> autumnalis	hA	1	crim.	.20 5	A desirable border plant, free flowering.
æstivalis	"	"	scar.	.20 5	
vernalis	hP	1½	yel.	.30 5	
<i>Æthionema</i> grandiflora	"	1	rose	1.25 5	
<i>African Rose</i> , see Hibiscus					
<i>Agatheæ</i> cœlestis (Blue Marguerite)	tP	2	blue	5	Small daisy-like flowers.
<i>Ageratum</i> , (see page 89.)					
<i>Agrostemma</i> Cœli-Rosa (Rose of Heaven)	hA	1	rose	.25 5	All easily grown, free flowering attractive plants. The perennial sorts do well in dry situations.
— alba	"	"	white	.25 5	
coronaria alba	thP	1½	"	.25 5	
— rosa (Rose Campion)	"	2	rose	.25 5	
Flos Jovis (Jove's Flower)	"	"	"	.35 5	
mixed	"	"	mix'd	.25 5	
<i>Agrostis</i> , see Ornamental Grasses					
<i>Allium</i> Neapolitanum	hP	1½	white	5	Sow in hot-bed and plant out after middle of May. Being continuous bloomers they are desirable for bedding.
<i>Alonsoa</i> albiflora	hhA	1½	white	.30 5	
grandiflora	"	"	scar.	.30 5	
linifolia	"	"	"	.30 5	
myrtifolia	"	2½	"	.35 5	
Warscewiczii	"	2	"	.30 5	
<i>Althæa</i> rosea, see Hollyhock					
<i>Aloysia</i> citriodora (Lemon Verbena), see Seeds for Greenhouse					
<i>Alstrœmeria</i> mixed hybrids	tP	3	mix'd	1.50 10	The flowers are of great brilliancy. They succeed in any soil and are adapted for cutting.
pulchella	"	"	y. & r.	10	
<i>Alyssum</i> (Sweet Alyssum). (See page 89.)					
<i>Amaranthus</i> Abyssinicus	hhA	3	d. red	.25 5	Very striking plants on account of their beautiful varied colored foliage.
bicolor ruber	"	"	red	.30 5	

See Special Offers on third page of cover.

NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower.	Price per Oz. Pkt.		DESCRIPTION.	
Amaranthus. — <i>Continued.</i>							
caudatus (Love Lies Bleeding)	hhA	3	red	.20	5	age or peculiar mode of bloom. The leaves are always largest when the plants are grown on rich soil, but rather poor soil enhances the coloring. The seed can be sown in the house, or in a hot bed and transplanted to place where wanted for effect. If sown out doors the soil should be very fine and the spot protected until the plants are well started.	
cruentus (Prince's Feather)	"	"	crim.	.20	5		
Henderi	"	"	cr. & y.	.50	5		
melancholicus ruber	"	2	red	.30	5		
Princess of Wales	"	"	cr. & y.	.50	5		
salicifolius (Fountain Plant)	"	2½	red	.70	5		
tricolor giganteus	"	6	mix'd	.50	5		
—splendens (Joseph's Coat)	"	3	sc. & y.	.20	5		
finest mixed	"	var.	mix'd		5		
collection 12 choicest sorts					50c.		
Ammobium , see Everlastings							
Ampelopsis , see Climbers							
Anagallis (Pimpernelle)							
grandiflora superba	hhA	½	mix'd	.50	5	Constant bloomers, suitable for beds, rockwork, etc. Plant in sunny situations.	
Anchusa augustifolia							
Barrelieri	"	"	blue	.50	5		Flowers somewhat like Forget-me-not. Very ornamental and of long duration when cut.
capensis	"	"	d. blue	.50	5		
	"	"	pur.	.30	5		
Andropogon , see Ornamental Grasses							
Anemone (Wind Flower)							
coronaria	hP	1	mix'd	.80	5	Spring and autumn flowering plants that require a rich, deep soil. The Japanese sorts flower in the fall and are especially beautiful.	
—St. Brigid, Poppy-flowered	"	"	"		10		
Japonica rosea	"	2½	rose	2.00	10		
—alba, Honorine Jobert	"	"	white	2.00	20		
Pennsylvanica	"	1½	"	1.00	10		
sylvestris (Snowdrop Wind Flower)	"	1	"		5	A beautiful winter pot plant. Long spikes of cup shaped flowers. Very fragrant.	
Angelonia grandiflora	thhP	"	pur.		10		
—alba	"	"	white		20		
Animated Oats , see Ornamental Grasses.							
Antirrhinum (Snap Dragon). (See page 90)							
Anthemis (Chamomile) Arabica							
tinctoria	hP	2	yel.	.30	5	Free flowering plants that do well in any situation.	
	"	"	"	.60	5		
Aquilegia (Columbine). (See page 90.)							
Aralia Sieboldi							
	hhP	3	white		10	Handsome palm-like shrub.	
Arabis alpina							
	"	1½	"		5	White spring flower, trailing habit.	
Arctotis breviscapa							
	"	"	or'ge		5	Seed should be started in heat. Very showy bedding plant for dry situations.	
—grandis	hA	2	w. & y		10		
Argemone grandiflora (Prickly Poppy)	hA	2	white	.30	5	Large glaucous foliage and poppy-like flowers.	
Aristolochia , see Climbers							
Armeria (Thrift or Sea Pink)							
formosa	hP	½	d. cr.		5	Fine for edgings or borders. The bright, tufted flowers are produced all summer.	
maritima splendens	"	1	d. rose		5		
Arnebia cornuta							
	hhA	"	y. & m		10	Fine for cutting. Flowers freely all summer. Seed should be started in heat.	
Arundo , see Ornamental Grasses							
Asclepias tuberosa (Milkweed)							
	hP	1½	or'ge		5	A showy plant for the border.	
Asparagus , see Seeds for Greenhouse							
Asperula azurea setosa							
	hhA	¾	blue	.20	5	Sweet scented, long bloomers, suitable for cutting.	
odorata (Woodruff)	hP	1½	white	.25	5		
Asphodelus albus							
	"	2	wht.		5	Showy border plants with long spikes of flower. They do well in any soil.	
luteus	"	4	yel.		5		
Asters (see also pages 91-93.)							
Perennial (Michaelmas Daisy)							
—alpinus speciosus	thhP	1	pur.	1.00	15	These are easily raised from seed and make attractive, autumn flowering border plants.	
—bessarabicus	"	2	blue	1.00	10		
—gymnocephalus	"	"	rose		15		
—mixed	"	varied	mix'd	2.00	5		
	"						
Aubrietia , Bougainvillei	hP	tra.	pur.	1.25	10	A spring-flowering, Alyssum-like plant, fine for rockwork, etc.	
Leichtlinii (rosy carmine)	"	"	car.		10		
Avena , see Ornamental Grasses							
Baby's Breath , see Gypsophila paniculata							
Bachelor's Button , see Centaurea cyanus							
Balloon Vine , see Climbers							
Balsam (Impatiens), double white							
double red	hhA	2	white	.75	5	Magnificent summer and autumn flowering annuals. A rich sandy loam is	
camellia-flowered, Alba Perfecta	"	"	red	.75	5		
	"	"	white	2.00	10		

See Special Offers on third page of cover.



CAMPANULA.



CHRYSANTHEMUM.—Frutescens.



CONVOLVULUS.

NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower.	Price per Oz. Pkt.	DESCRIPTION.
Balsam. —Continued.					
—mixed	hhA	2	mix'd	.75 5	} most suitable for them. They must be kept well watered. If transplanted several times the plants have a tendency to dwarf and produce more double flowers. Seed may be started early in heat or outdoors in May.
—collection, 6 distinct colors	"	"	"	.75 5	
carnation striped, mixed	"	"	strip.	.75 5	
rose-flowered, mixed	"	"	mix'd	.75 5	
—collection, 6 distinct colors	"	"	"	.75 5	
dwarf double, mixed	"	1 1/4	"	.75 5	} These form no tubers, but are grown for their ornamental foliage.
choice mixture	"	2	"	.50 5	
Bartonia aurea	hA	3	yel.	.30 5	
Bean , Climbing, see (Phaseolus) Climbers					
Beet , Brazilian, golden veined	"	1 1/2	"	.20 5	
—scarlet veined	"	"	"	.20 5	
Begonia , see Seeds for Greenhouse					} A favorite dwarf plant for beds, flowers early in spring. Seed may be sown in heat or in open ground in May.
Bellis perennis (Double Daisy)	thP	1/2	white	3.00 10	
alba fl. pl	"	"	red.	4.00 10	
rubra fl. pl	"	"	pink	4.00 10	
Longfellow	"	"	mix'd	3.00 10	
double mixed	"	"	"	3.00 10	} Flowers resemble the Calliopsis.
Bidens atrosanguinea	hhP	2	d. red	.75 5	
grandiflora	hA	"	yel.	.75 5	
Bignonia , see Climbers					
Bocconia Japonica	hP	6	white	10	
Boston Ivy , see (Ampelopsis) Climbers					} Ornamental foliage plant, may be grown singly or in clumps.
Brachycome (Swan River Daisy) —					
iberifolia	hhA	1	blue	.60 5	
alba	"	"	white	.60 5	
Briza , see Ornamental Grasses					
Brizopyrum , see Ornamental Grasses					} A fine annual for either house or garden cultivation. Valuable for bouquets.
Bromus , see Ornamental Grasses					
Browallia Czerwiakowski	"	1 1/2	d. blue	.75 5	
elata	"	"	blue	.75 5	
—alba	"	"	white	.75 5	
—purpurea	"	"	pur.	1.00 5	} Easily grown and very ornamental.
Rexli	"	"	w. & b.	.75 5	
mixed	"	"	mix'd	.60 5	
Byronopsis , see Climbers					
Buphthalmum (Ox-Eye) —					
salicifolium	hP	2	yel.	.75 5	} Profuse flowering plants of easy culture; bloom all summer.
Cacalia (Tassel Flower) aurea	hhA	1 1/2	"	.30 5	
coccinea	"	"	scar.	.30 5	
Calandrinia grandiflora	ttP	1	pur.	.30 5	
speciosa alba	hA	"	white	.30 5	
umbellata	"	1/2	crim.	.75 5	} Fine for dry or sandy situations. The seed should not be sown until warm, settled weather.
Calceolaria , see Seeds for Greenhouse...					
Calendula (Pot Marigold). (See page 93.)					
Calliopsis , see Coreopsis					
Callirhoe lineariloba	hP	1	d. car.	.75 5	} Linum-like flowers. Continue in bloom all summer.
pedata nana compacta	hA	"	d. rose	.50 5	

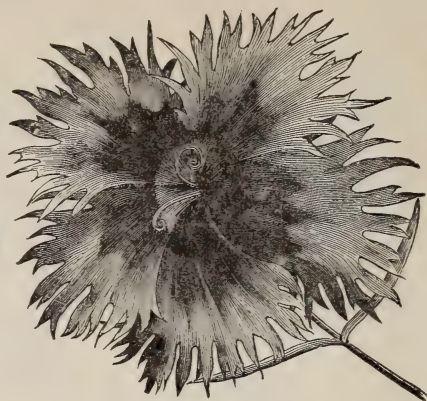
See Special Offers on third page of cover.

NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower.	Price per Oz. Pkt.	DESCRIPTION.
<i>Calampelis</i> , see Climbers					
<i>California Native Flowers</i>	hA	var.	mix'd	50	An assortment of some of California's native wild flowers, each in separate package distinctly named, fine for the mixed border.
<i>Campanula</i> (Canterbury Bell)—					
<i>carpatia</i>	hP	1	blue	.50 5	These are well-known favorites. Seed may be sown in the open ground in April or May. The annual and biennial sorts will bloom the first year; the perennials early the year following. They all like a good rich soil. All of them are exceedingly beautiful and attractive, especially when the different colors are planted together.
— <i>alba</i>	"	½	white	.50 5	
<i>Japonica</i>	"	2	blue	.75 10	
<i>macrostyla</i>	hA	"	rose	1.00 5	
<i>mirabilis</i>	hP	"	l. blue	10	
<i>persicifolia grandiflora</i>	"	3	"	1.75 5	
— <i>alba</i>	"	"	white	1.50 5	
<i>pyramidalis compacta alba</i>	"	"	"	1.50 5	
<i>speculum</i> (Venus Looking Glass).....	hA	½	mix'd	.50 5	
medium double mixed.....	thB	2½	"	.75 5	
— single, mixed.....	"	"	"	.30 5	
— <i>calycanthema</i> (or cupped) mixed.....	"	"	"	1.00 5	
— Dean's hybrids, double and single.....	"	"	"	5	
<i>Candytuft</i> (Iberis). (See page94.)					
Perennial Candytuft, see Iberis.					
<i>Canna</i> , dark-leaved varieties.....	hhP	5	"	.30 5	To grow from seed, cut through the hard outer covering, soak for ten hours and plant the seed half an inch deep. A warm moist temperature is necessary. <i>C. variegata</i> is grown for its ornamental leaves. It is novel and beautiful; the leaves being lined and blotched with red and yellow.
green-leaved varieties.....	"	"	"	.25 5	
Crozy's Large Flowered, mixed.....	"	3	"	.25 10	
<i>variegata</i>	"	"	"	10	
collection, 12 Crozy's varieties.....75	"	"	"		Ornamental habit. Suitable for backs of borders, etc.
<i>Cannabis gigantea</i> (Giant Hemp).....	hhA	8		.30 5	
<i>Cardiospermum</i> , see Climbers					
<i>Carduus benedictus</i> (Blessed Thistle)....	hA	2	yel.	.30 5	Easily grown and very pretty.
<i>Castor Oil Plant</i> , see Ricinus.....					
<i>Carnation</i> , see <i>Dianthus caryophyllus</i>					
<i>Celosia</i> (Cockscomb). (See page95.)					
<i>Centaurea</i> (see page 94.) —					
<i>Centranthus</i> , mixed.....	hA	1½	mix'd	.25 5	Clusters of long tube-like flowers.
<i>Cerastium tomentosum</i>	thP	½	white	.40 5	Dwarf silver-leaved plant, valuable for edging.
<i>Chamæpeuce</i>					
<i>cassabonæ</i> (Fish Bone Thistle).....	hP	1½		1.00 5	Thistle-like plants, with ornamental foliage.
<i>diacantha</i>	"	"	yel.	.75 5	
<i>Chelone barbata</i> Torreyi.....	thhP	2	scar.	.30 5	Pentstemon-like flowers. Brilliant colors.
<i>hybrida</i>	"	"	mix'd	.30 5	
<i>Chinese Pink</i> , see <i>Dianthus Chinensis</i>					
<i>Chloris</i> , see Ornamental Grasses					
<i>Chloropsis</i> , see Ornamental Grasses					
<i>Chrysurus</i> , see Ornamental Grasses					
<i>Chrysanthemum</i> (see page95).....					
<i>Cineraria</i> (Dusty Miller) <i>maritima</i>	hhP	1½	yel.	.30 5	Silver foliage plants, suitable for ribbon beds and edging.
<i>candidissima</i>	"	"	"	.30 5	
<i>hybrida</i> , see Seeds for Greenhouse.					
<i>Clarkia elegans alba</i>	hA	"	white	.30 5	Sow the seed in the open border in April. They are of easy cultivation, very pretty and free flowering, the double varieties being especially beautiful. They are all suitable for vases or hanging baskets.
— <i>rosea</i> , dwarf.....	"	1	rose	.30 5	
— Purple King, double.....	"	1½	pur.	.30 5	
— Salmon Queen.....	"	"	pink	.30 5	
— mixed, single and double.....	"	"	mix'd	.25 5	
<i>pulchella</i>	"	"	"	.30 5	
<i>Clematis</i> , see Climbers					
<i>Clianthus</i> , see Seeds for Greenhouse					
<i>Clintonia pulchella</i>	"	¾	bl. & w.	5	A lobelia-like plant, charming for edging or rockwork.
<i>Cobæa</i> , see Climbers					
<i>Cockscomb</i> , see <i>Celosia</i>					
<i>Coix</i> , see Ornamental Grasses					
<i>Coleus</i> , see Seeds for Greenhouse					
<i>Collinsia</i> , mixed.....	"	1	mix'd	.25 5	Beautiful free flowering plants for beds or mixed borders.
<i>Columbine</i> , see <i>Aquilegia</i>					

See Special Offers on third page of cover.



DIANTHUS.—Heddewegii.



DIANTHUS.—Laciniatus.



DIANTHUS.—Chinensis fl. pl.

NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower.	Price per Oz. Pkt.	DESCRIPTION.
<i>Commelina</i> cœlestis.....	†hP	1½	bl. & w.	5	Tuberous rooted, very showy plants suitable for pots or borders.
<i>Convolvulus</i> Minor (Dwarf Morning Glory)	hA	1	varied	.25 5	
tricolor.....	"	"	rose	.25 5	A dwarf Morning Glory suitable for growing in clumps or beds, and fine for hanging baskets, window boxes, etc.
Rose Queen.....	"	"	violet	.25 5	
splendens.....	"	"	white	.25 5	
white.....	"	"	mix'd	.20 5	
mauritanicus.....	†hhP	¾	blue	1.00 10	
<i>Convolvulus</i> Major, see Climbers					
<i>Coreopsis</i> (Calliopsis) (see page95)					
<i>Cosmanthus</i> fimbriata.....	hA	1	flesh	5	Small spreading plants, pretty fringed flowers.
<i>Cosmidium</i> Burridgeanum.....	"	2	or'ge	.25 5	
<i>Cosmos</i> (Cosmea) (see page96)					Large Coreopsis-like flowers.
<i>Crowslip</i> , see <i>Primula veris</i>					
<i>Crepis</i> (Hawk Weed).....	hA	1	mix'd	.25 5	Showy, continuous blooming annual. Desirable for borders or rockwork.
<i>Crucianelle</i> stylosa.....	hP	"	pink	5	
<i>Cucumis</i> , see Climbers					
<i>Cucurbita</i> , see Climbers					
<i>Cuphea</i> , see Seeds for Greenhouse					
<i>Cyclamen</i> , see Seeds for Greenhouse					
<i>Cyclanthera</i> , see Climbers					
<i>Cypress Vine</i> , see Climbers					
<i>Dahlia</i> , cactus, mixed.....	†hhP	3	mix'd	1.00 10	We offer seed from the finest collection in Europe. If the seed is started early in a hot-bed an abundance of flowers will be produced the same season. They like a rich, deep soil. The roots should be housed during winter. <i>D. Glory</i> flowers vary in size from one to three inches and are <i>scabious</i> -like in construction. <i>Monarch</i> is a cross between a double and cactus, very large semi-double.
double grandiflora.....	"	4	"	1.50 10	
—Pompon.....	"	2	"	2.00 10	
—Tom Thumb.....	"	1½	"	10	
—Glory.....	"	3	"	10	
—Monarch.....	"	3	d. red	10	
—Golden Ball, see Sunflower					
Breck's single.....	"	4	mix'd	1.75 10	
<i>Daisy</i> , double, see <i>Bellis</i>					
Swan River, see <i>Brachycome</i>					
Paris, see <i>Chrysanthemum frutescens</i>					
<i>Datura</i> (Trumpet Flower)					
Cornucopia.....	hA	2	w. & p.	.40 5	In large clumps, or borders of shrub- bery, these produce an excellent effect. They delight in a light sandy soil.
Golden Queen.....	"	"	yel.	.40 5	
humilis, double.....	"	3	"	.40 5	
Wrightii.....	†tP	2	w. & li.	.30 5	
mixed annuals.....	hA	varied	mix'd	.30 5	
<i>Delphinium</i> (Larkspur) (see page97)					
<i>Devil-in-a-Bush</i> , see <i>Nigella</i>					
<i>Dew Plant</i> , see <i>Mesembryanthemum tri-</i> color					

See Special Offers on third page of cover.

NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower.	Price per Oz. Pkt.	DESCRIPTION.
Dianthus (Pink)					
Chinensis, double mixed.....	thB	1	mix'd	.30 5	The biennial sorts are all well known favorites that flower the first season. The colors of the Heddewegii vary through all shades of crimson to a delicate rose.
Heddewegii, single.....	"	"	"	.40 5	
—double.....	"	"	"	.50 5	
—alba, double.....	"	"	white	.75 5	
—atropurpureus.....	"	"	red	.75 5	
—diadematus, double.....	thP	"	mix'd	.60 5	
—imperialis, double.....	"	"	"	.30 5	
—laciniatus.....	"	"	"	.50 5	
—Crimson Bell.....	"	"	crim.	.60 5	
—Salmon Queen.....	"	"	pink	.60 5	
double mixed.....	"	"	mix'd	.60 5	The Diadematus shades from rose to purple. They are all exceedingly ornamental, and suitable alike for beds, borders, house cultivation and cutting. Sweet fragrance and great diversity in color and form are theirs peculiarly.
—nanus hybridus.....	"	¾	"	5	
—piemarus (Pleasant's Eye).....	"	1	w. & p.	.30 5	
The Bride.....	"	"	"	.75 5	
collection, 12 varieties.....	40				
barbatus, single mixed (Sweet William)...	hP	1½	mix'd	.30 5	
—double mixed.....	"	"	"	.60 5	
caryophyllus, Margaret, rose.....	thhP	1	rose	3.00 10	
—white.....	"	"	white	2.00 10	
—violet.....	"	"	violet	3.00 10	
—mixed.....	"	"	mix'd	2.00 10	These bloom in about four months from time of sowing and produce 80 per cent double flowers. They are remarkable for the richness and profuseness of bloom as well as for vigor of growth.
—malmaison, mixed.....	"	"	"	4.00 10	
—Giant, mixed.....	"	1½	"	2.00 10	
—Giant, sulphur yellow.....	"	"	yel.	10	
—Nice Giants, double.....	"	"	mix'd	10	
—Chabaud, Perpetual.....	"	"	"	3.50 10	
—Dwarf Perpetual.....	hhP	1	"	4.00 10	
—Giant Perpetual.....	thhP	1½	"	25	
—Countess of Paris.....	hhP	"	yel.	25	
—Grenadin.....	"	"	scar.	2.00 10	
—white.....	"	"	white	10	Our seeds are saved especially for us by the best German and French growers, and are the very best obtainable.
—Picotee mixed.....	"	1	mix'd	25	
—collection of 12, carnations and Picotee.....	75				
Hardy Garden, double, rose.....	"	"	rose	25	
—white.....	"	"	white	10	
—mixed.....	"	"	mix'd	10	
Perpetual Perfection.....	"	1½	"	25	
Dictamnus fraxinella.....	hP	2	pur.	.40 5	A great favorite with bees. Very ornamental and sweetly scented.
—alba.....	"	"	white	.60 5	
Digitalis (Foxglove) gloxiniaflora.....	"	4	mix'd	.30 5	
—grandiflora.....	"	"	yel.	.75 5	
—maculata superba.....	"	3	spot.	.35 5	
—purpurea.....	"	"	pur.	.25 5	
—alba.....	"	"	white	.25 5	
—mixed.....	"	"	mix'd	.40 5	
Dodecatheon Meadia (American Cowslip).....	"	1	pur.	10	
Dolichos , see Climbers					Elegant, succulent plants for carpet bedding.
Dutchman's Pipe , see Climbers					
Echeveria hybrida.....	hhP	1/3	mix'd	20	
—metallica, glaucous foliage.....	"	"	yel.	50	
Eragrostis , see Ornamental Grasses					
Erianthus , see Ornamental Grasses					
Erigeron aurantiacus.....	hP	¾	or'ge	5	
Erysimum arkansanum.....	hA	1½	yel.	.25 5	
Erythrina (Coral Tree)					
—crista-galli.....	hhP	3	scar.	1.00 10	
Eschscholtzia (California Poppy) (see page 96.)					Makes a fine tree in a sheltered location. Seed should be started in heat.
Eucalyptus globulus (Blue Gum Tree)...	hP	100		.40 5	
Eulalia , see Ornamental Grasses					
Eucharidium Breweri.....	hA	1	rose	3.00 10	
—grandiflorum.....	"	"	mix'd	.50 5	
Euphorbia heterophylla (Mexican Fire Plant).....	"	4		.75 10	
—variegata (Snow on the Mountain).....	"	1½		.50 5	
	"	1½		.50 5	
	"	1½		.50 5	
	"	1½		.50 5	

See Special Offers on third page of cover.

**ESCHSCHOLTZIA.****CALENDULA.****FOXGLOVE.**

NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower.	Price per Oz. Pkt.	DESCRIPTION.
<i>Eutoca</i> multiflora.....	thB	1 1/2	pink		} Suitable for beds or mixed borders. Extra good for cutting, Requires considerable moisture. Very pretty for ribbons, beds or pot culture.
viscida	"	1	blue	.40 5	
<i>Fenzlia</i> dianthiflora.....	hA	1/4	rose	3.00 10	
alba.....	"	"	white	3.00 10	
<i>Festuca</i> , see Ornamental Grasses					
<i>Feverfew</i> , see Pyrethrum and Matricaria					
<i>Flax</i> , see Linum					
<i>Fountain Plant</i> , see <i>Amaranthus salicifolius</i>					
<i>Four o'Clock</i> , see <i>Mirabilis</i>					
<i>Foxglove</i> , see <i>Digitalis</i>					
<i>Fuchsia</i> , see Seeds for Greenhouse					
<i>Funkia</i> alba (White Plaintain Lily).....	hP	1 1/2	white	10	} An excellent border plant. The flowers are borne on spikes well above the foliage. They prefer a dry situation. Seed may be sown any time in spring outdoors, in a good light soil. They bear a profusion of beautifully formed brilliant colored flowers, are valuable alike for beds and cutting. The perennial sorts if sown indoors or in a hot-bed bloom splendidly the first season.
cœrulea	"	"	blue	10	
<i>Gaillardia</i> (Blanket Flower) <i>picta</i>	hA	"	r. & y.	.25 5	
—lorenziana, double.....	"	"	mix'd	.30 5	} Dwarf growing, very beautiful, hardy herbaceous plants.
amblyodrom.....	"	2	red	.30 5	
mixed.....	"	varied	mix'd	.30 5	
grandiflora maxima.....	thhP	1 1/2	yel.	.30 5	
—superba.....	"	"	r. & y.	5	
—folia-variegata.....	"	"	"	10	} Ornamental plants with spikes of pea- shaped flowers suitable for borders or cutting. Produces numerous spikes of elegant white and red tinted flowers.
<i>Galega</i> officinalis.....	hP	3	blue	5	
—alba.....	"	"	white	5	
<i>Gaura</i> Lindheimeri	thhP	"	w. & r.	.30 5	} Dwarf growing, very beautiful, hardy herbaceous plants.
<i>Gentiana</i> acaulis (Blue Gentian).....	hP	1/2	blue	.75 5	
cruciata	"	1	l. blue	.75 5	
lutea	"	3	yel.	.75 5	} Showy plants of the easiest culture. Produce an abundance of flowers suit- able for cutting. Old-fashioned favorites that bloom throughout the entire season, suitable for any situation.
<i>Geranium</i> , see Seeds for Greenhouse					
<i>Geum</i> coccineum, fl. pl., double.....	"	1 1/2	scar.	.75 5	
japonicum.....	"	"	yel.	5	} A showy border plant with silver gray foliage.
<i>Gesneria</i> , see Seeds for Greenhouse					
<i>Gilia</i> achilleæfolia.....	hA	1	blue	.30 5	
tricolor (white, lilac and purple).....	"	"	tri.	.30 5	} One of the most desirable annuals. They produce throughout the entire season an abundance of beautiful flowers in a great variety of delicate colors. They
<i>Glaucium</i> luteum (Horn Poppy).....	thP	2	yel.	.35 5	
<i>Globe Amaranth</i> (<i>Gomphrena</i>), see Ever- lastings					
<i>Gloxinia</i> , see Seeds for Greenhouse					
<i>Godetia</i> , Duchess of Albany.....	hA	1 1/2	white	.75 5	} One of the most desirable annuals. They produce throughout the entire season an abundance of beautiful flowers in a great variety of delicate colors. They
Gloriosa.....	"	1	red	.75 5	
Lady Albermarle.....	"	"	crim.	.30 5	
The Bride.....	"	"	w&car.	.30 5	

See Special Offers on third page of cover.

NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower.	Price per Oz. Pkt.	DESCRIPTION.
Godetia. — <i>Continued.</i>					
Yellow Queen.....	hA	1½	yel.	.75 5	are of very easy culture and suitable for beds, mixed borders and ribbons.
mixed.....	"	"	mix'd	.25 5	
Gourds (Cucurbita), see Climbers.					
Gynarium , see Ornamental Grasses.					
Gypsophila cerastioides.....	hP	¾	white	5	Easily grown free flowering plants, suitable for rockwork, shrubberies, etc. Their fine feathery appearance makes them especially suitable for bouquets.
elegans.....	hA	1	"	.30 5	
—rosea.....	"	"	rose	.30 5	
muralis.....	"	1½	red	.50 5	
paniculata.....	hP	2	white	.30 5	
Hare's Tail , see Ornamental Grasses.					
Hawkweed , see Crepis.					
Helenium Douglasii.....	"	2	yel.	5	} Showy single yellow flowers.
Bigelowii.....	"	3	"	10	
Helianthus (Sunflower), (See page 101.)					
Helioopsis Pitcheriana.....	"	"	"	10	Calliopsis-like. Very fine for cutting.
Heliotrope , see seeds for Greenhouse.					
Helleborus (Christmas Rose) niger.....	"	1	pink	5	} Will bloom in midwinter if afforded the protection of a cold frame.
New Hybrids.....	"	"	mix'd	10	
Hesperis (Sweet Rocket), mixed.....	"	1½	"	.25 5	Transplant every second year.
Heuchera sanguinea.....	"	2	crim.	2.00 15	Graceful spikes suitable for cutting.
Hibiscus Africanus (African Rose).....	hA	2	yl&br	.25 5	} Beautiful and showy plants; remarkable for the size and fine colors of flowers. The perennial sorts should be sown early indoors in order to get a successful flowering the same season.
militaris (Marsh Mallow).....	thP	3½	rose	3.00 5	
moscheutos albus.....	"	3	white	.75 5	
palustris roseus.....	"	"	rose	1.00 5	
Crimson Eye.....	hA	5	w&cr.	10	
Golden Bowl.....	"	"	yel.	10	
Hollyhock (Althæa rosea) (See page 96.)					
Honesty , see Lunaria.					
Humæa , see Seeds for Greenhouse.					
Humulus (Hop), see Climbers.					
Iberis (Candytuft) Gibraltarica.....	hP	¾	pink	3.00 10	} Beautiful, hardy, dwarf-growing spring flowering plants.
jucunda.....	"	"	crim.	10	
sem pervirens.....	"	1	white	1.25 5	
Ice Plant , see Mesembryanthemum crystallinum.					
Impatiens sultani (Perennial Balsam).....	hhP	1	scar.	10	} Brilliant colored single flowers throughout a long season.
Hybrids, mixed.....	"	varied	mix'd	10	
Inula ensifolia.....	thP	1½	yel.	10	The plants are of fine bush form, and covered with bloom.
Ipomæa , see Climbers.					
Iris Kämpferi.....	hP	2	mix'd	.75 5	The beautiful Japanese Iris.
Jacob's Ladder , see Polemonium.					
Job's Tears , see Ornamental Grasses.					
Kaulfussia amelloides, mixed.....	hA	1	mix'd	5	Fine for edging or beds.
Kenilworth Ivy , see Linaria.					
Lagurus , see Ornamental Grasses.					
Lantana , see Seeds for Greenhouse.					
Larkspur , see Delphinium.					
Lathyrus , see Climbers. 100					
Lavendula (Lavender) spica.....	hP	2	blue	.25 5	} Well-known, sweet scented flower of the old gardens.
Lavatera arborea variegata.....	hhP	3	red	.75 5	} Hollyhock-like flowers. L. arborea has beautiful mottled foliage.
alba.....	hA	2	white	.25 5	
trimestris.....	"	3	red	.25 5	
Leptosiphon hybridus.....	"	1	mix'd	.40 5	The colors are blue, white, lilac, purple and orange. Very attractive.
Leptosyne maritima.....	hhA	2	yel.	.50 5	} Large single flowers, useful for cutting.
Stillmani.....	"	"	"	10	
Liatris (Blazing Star) pyenostachia.....	hP	3	pur.	5	} Fine for dry soils. Produces handsome spikes of flowers.
spicata.....	"	1½	rose	5	
Limnanthus Douglasii.....	hA	1	w. & y.	5	} Does well in damp, shady places. Splendid for bees.
mixed.....	"	"	mix'd	5	
Linaria cymbalaria (Kenilworth Ivy).....	hP	traï.	violet	2.00 5	} Snapdragon-shaped flowers desirable for edging and good for rockwork. It is unsurpassed for baskets, vases, etc.
—alba.....	"	"	white	.40 5	
maroccana.....	hA	¾	rose	.40 5	
—hybrids.....	"	"	mix'd	.40 5	
Linum (Flax) flavum (Golden Flax).....	thhP	"	yel.	1.25 5	} Effective and showy plants for beds and borders.
grandiflorum rubrum.....	hhA	"	crim.	.20 5	
luteum.....	"	"	yel.	.50 5	
Perennial sorts.....	hhP	1	mix'd	.30 5	
Loasa , see Climbers.					

See Special Offers on third page of cover.



GAILLARDIA.



FORGET-ME-NOT.

NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower.	Price per Oz. Pkt.	DESCRIPTION.
Lobelia erinus. Crystal Palace Compacta.	thhP	1/2	d. blue	1.00 10	
—compacta oculata.	"	"	"	1.00 5	Dark blue with white eye.
—delicata.	"	"	"	1.00 10	Indigo blue with white eye.
—Emperor William.	"	"	blue	1.00 5	Sky blue.
—erecta.	"	3/4	"	.75 5	Of upright growth.
—formosa.	"	1/2	red	" 5	
—goldelse.	"	"	blue	" 5	Yellow foliage.
—gracilis.	"	tra.	"	1.00 5	Fine for baskets and vases.
—Paxtoniana.	"	1/2	b. & w.	.75 5	White with blue belt.
—Prima Donna compacta.	"	"	d. red	1.00 10	
—pumila magnifica.	"	1/3	d. blue	2.00 10	
—White Gem.	"	"	white	2.00 10	} The best for edging and pots.
—Royal Purple.	"	1/2	pur.	1.00 5	
—speciosa.	"	tra.	blue	.50 5	Purple with white eye.
cardinalis (Cardinal Flower).	hP	2	scar.	" 5	Trailing habit.
syphyllitica.	"	"	blue	10	} Showy border plants.
Lophospermum , see Climbers.					
Lotus Jacobæus.	hhA	"	br.	.50 5	} Pretty and interesting plants with small pea-shaped flowers.
—luteus.	"	"	yel.	.75 5	
Love-in-a-Mist , see Nigella.					
Love-Lies-Bleeding , see Amaranthus caudatus.					
Lunaria biennis (Honesty).	thB	2	pur.	.30 5	} The seed pods make fine winter bou- quets.
Lupinus Cruickshanki.	hP	3	varied	.20 5	
mutabilis.	"	"	"	.20 5	} Showy, easily grown plants, with long spikes of bright colored flowers.
Mixed Annual.	hA	"	mix'd	.25 5	
—Perennial.	hP	"	"	.25 5	
Lychnis chalcedonica.	thP	2	scar.	.50 5	} Bright colored border plants of easy cul- ture.
—alba.	"	"	white	.50 5	
—mixed.	"	"	mix'd	.40 5	
fulgens.	hhP	1	scar.	.75 10	
haageana hybrida.	hP	"	mix'd	.75 10	} Magnificent spikes of large rosy-purple flowers.
Lythrum roseum superbum.	thP	1 1/2	rose	.30 5	
Malcomia (Virginia Stock).	hA	1	mix'd	.30 5	
Malope grandiflora.	"	2	"	.30 5	Grand for beds or edging.
Malva , or Mallow, crista.	hP	3	"	.20 5	Fine for cutting.
miniata (Sunset Plant).	hhP	4	scar.	.30 5	} Curled Mallow. Ornamental foliage plant.
Martynia fragrans.	hhA	2	pur.	.30 5	
mixed.	"	"	mix'd	.30 5	} Stately plants with gloxinia-like flowers that are followed by horn-like fruit. Seed should be sown in a gentle bot- tom heat.
Marigold , see Tagetes and Calendula. 93, 97					
Marguerite , see Chrysanthemum frutes- cens.					
Marvel of Peru , see Mirabilis.					
Mathiola bicornis (Evening Scented Stock).	hhA	1/2	white	.25 5	} The flowers are closed during the day. Sweet scented at night.

See Special Offers on third page of cover.

NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower.	Price per Oz. Pkt.	DESCRIPTION.
Matricaria (Double Feverfew).					
capensis.....	hA	I	white	.40 5	Continuous bloomers. Fine for bedding or pot culture. Golden Ball is especially fine.
exima (Golden Ball).....	"	1 1/2	yel.	.75 10	
—snowball.....	"	"	white	.75 5	
—grandiflora.....	"	I	"	.75 5	
Maurandya , see Climbers.					
Mesembryanthemum crystallinum (Ice Plant).....	hhA	trai.	"	5	Like a warm, sunny situation. They are all effective in beds, rock work, baskets or vases. M. crystallinum has peculiar glistening foliage.
tricolor (Dew Plant).....	"	1/4	rose	5	
—alba.....	"	"	white	5	
mixed.....	"	var.	mix'd	5	
Mignonette (Reseda odorata) (See p. 97.)					
Mimosa pudica (Sensitive Plant).....	hhA	1/2	pink	.50 5	(The leaves of this plant close up if touched or shaken.
Mimulus (Monkey Flower)					
cardinalis.....	thP	1 1/2	mix'd	2.00 5	A genus of extremely handsome, profuse flowering plants, with singularly shaped and brilliant colored flowers. The seed should be sown early indoors.
cupreus duplex (Hose in Hose).....	"	"	spot.	2.50 10	
—hybridus.....	"	"	mix'd	10	
moschatus compacta (Musk).....	"	1/2	yel.	2.00 10	
Rozlii.....	thhP	I	yel.	3.00 15	
tigrinus grandiflora.....	"	"	spot.	7.50 10	
Mirabilis (Marvel of Peru or Four o'clock)					
hybrid.....	"	2	mix'd	.20 5	Seed should be sown early indoors, and the plants set out when the weather is settled. If desired the roots may be kept over winter in the same way as dahlias. Few plants combine so much beauty of flower and foliage as this genus.
longiflora alba.....	"	"	white	.20 5	
variegated leaved.....	"	"	mix'd	.20 5	
collection 8 varieties.....	"	"	"	30 c.	
Molucella laevis (Shell Flower).....	hA	I	w & p	.75 5	Of very curious form, easily grown and worthy of attention.
Momordica , see Climbers					
Monkshood , see Aconitum					
Morning Glory , see Climbers					
Morning Glory , dwarf, see Convolvulus					
Mourning Bride , see Scabiosa					
Musk , see Mimulus Moschatus					
Myosotis (Forget-Me-Not)					
alpestris mixed.....	thP	I	mix'd	.75 5	Charming little plants, very popular, producing their beautiful star-like flowers in great profusion; invaluable for spring garden decoration. The <i>Stricta</i> is an entirely new class of pillar like form and very attractive. They with the <i>Victoria</i> are the best sorts for pot culture. <i>M. Palustris</i> <i>Tom Thumb</i> is a miniature marsh Forget-me-not that flowers from May until frost.
—alba.....	"	"	white	1.00 10	
—caerulea.....	"	1/2	blue	1.00 10	
—rosea.....	"	"	rose	.75 5	
—stricta alba.....	"	"	white	10	
—stricta rosea.....	"	I	rose	10	
—caelestina.....	"	"	blue	10	
—victoria.....	"	"	"	1.00 10	
Azorica.....	"	"	d. blue	1.00 10	
—alba.....	"	"	white	5.00 10	
palustris.....	"	1/2	b. & w.	2.50 10	
—semperflorens alba.....	"	"	white	2.50 10	
—Tom Thumb.....	"	1/4	blue	10	
Myrsiphyllum , see Seeds for Greenhouse					
Nasturtium , see Tropaeolum unum, p. 98					
Nasturtium , tall, see Climbers, page 98....					
Nelumbium luteum (American Lotus)	hP		yel.	20	See Nymphaea for cultural directions.
speciosum (Egyptian Lotus).....	"		pink	20	
Nemesia strumosa Suttoni.....	hA	1 1/2	var.	10	Sow the seed in light soil in March or April; requires gentle bottom heat. Beautiful and of easy culture.
Nemophila mixed.....	"	var.	mix'd	.20 5	
Nicotiana affinis.....	hhA	3	white	.40 5	Species of Tobacco. The three sorts first named have deliciously fragrant flowers. <i>Colossea</i> is a handsome ornamental green foliage plant. <i>Colossea flavovivens</i> has yellowish foliage and contrasts well with the <i>colossea</i> . Seed should be started indoors.
alata.....	"	"	pink	5	
atropurpurea grandiflora.....	"	4	crim.	.40 5	
colossea.....	"	6	"	10	
—flavovivens.....	"	"	"	10	
—variegata.....	"	"	"	10	
Nierembergia frutescens.....	"	I	lilac	.50 5	Generally has a white margin. Fine for edging or hanging baskets.
gracilis.....	"	"	blue	.50 5	
Nigella (Love-in-a-Mist).....	"	3/4	mix'd	.30 5	Larkspur-like flowers.
Nolana mixed.....	"	1/2	"	.20 5	A fine trailer for rockeries.
Nycternia capensis.....	"	2 1/2	w. & y.	.50 5	Seed should be sown indoors or in a hotbed in March.
selaginoides.....	"	"	y. & w.	.75 5	



PETUNIA.



RICINUS.—Leaf and Seed.

NAME.	Hard. and Dur.	H'gt Feet.	Color of Flower.	Price per Oz. Pkt.	DESCRIPTION.
<i>Nymphæa cœrulea</i>	hhP		blue	15	Seed should be planted during March or April in a tea cup containing two or three inches of soil, and filled up with water. After planting, the cup should be placed in a temperature of from 70 to 80 degrees during germination, which ordinarily takes ten days. When large enough to transplant prick into small pots and place them in a pan of water deep enough to cover the pots about one inch. In June move to tubs or pools of water outdoors.
dentata (night blooming)	"		white	15	
gracilis	"		"	15	
odorata alba (white Pond Lily)	hP		"	10	
—rosea (Cape Cod Pink)	"		pink	15	
O'Marana	hhP		red	15	
Zanzibariensis aurea	"		blue	15	
—rosea	"		rose	15	
<i>Oenothera</i> (Evening Primrose) <i>acaulis</i>	hP	¾	white	.50 5	
biennis	"	2	yel.	.75 5	
rosea Mexicana	hhA	¾	rose	.75 5	Fine free flowering plants, suitable for backgrounds, shrubberies, etc.
annual varieties, mixed	"	var.	mix'd	.40 5	
perennial varieties, mixed	hP	"	"	5	Showy plants, pea-shaped flowers.
<i>Orobis</i> , mixed	"	"	"	5	
<i>Onopordon</i> <i>acanthium</i> (Thistle)	hB	6	white	15	Sow seed in pots, transplant without disturbing roots.
<i>Oxalis</i> <i>alba</i>	†hhP	½	white	5	
rosea	"	"	rose	5	Splendid class of plants with brilliant colored flowers and dark foliage, suitable for rockwork, hanging baskets, vases, etc.
<i>tropæoloides</i>	"	"	yel.	10	
<i>valdiviana</i>	"	"	yel.	10	
mixed	"	"	mix'd	2.00 5	
<i>Pæony</i> , double, mixed	hP	2	mix'd	1.00 10	
single, mixed	"	"	"	.50 10	
<i>Pampas Grass</i> , see Ornamental Grasses					
<i>Pansy</i> , see <i>Viola tricolor</i> 98					
<i>Papaver</i> (Poppy). (See page 99.)					
<i>Paris Daisy</i> , see <i>Chry. frutescens</i>					
<i>Passiflora</i> , see Climbers					
<i>Paspalum</i> , see Ornamental Grasses					
<i>Pelargonium</i> , see Seeds for Greenhouse					
<i>Pennisetum</i> , see Ornamental Grasses					
<i>Pentstemon</i> <i>hybridus atropurpureus</i>	thP	2	r. & w.	1.50 10	Bell-shaped flowers borne on long spikes. Splendid bedding plant; blooms the first season from early sown seed.
— <i>grandiflorus</i>	"	"	mix'd	.50 10	
<i>Perilla</i> <i>Nankinensis</i>	hhA	1½		.25 5	Ornamental foliage plants for ribbons and beds.
<i>macrophylla compacta</i>	"	1		.25 5	
<i>Periwinkle</i> , see Seeds for Greenhouse....					
<i>Petunia</i> <i>hybrida</i> , large flowered —					
— <i>alba</i>	hA	1½	white	.75 10	
—blotched and striped	"	"	stri.	1.50 15	
— <i>intus aurea</i>	"	"	yel.	15	
— <i>kermesina</i>	"	"	crim.	.75 10	
—Purple King	"	"	pur.	.75 10	
— <i>superbissima</i>	"	"	spot.	20	

See Special Offers on third page of cover.

NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower.	Price per Oz. Pkt.	DESCRIPTION.
Petunias.—Continued.					
—fimbriata, or fringed.....	hA	1 1/2	mix'd	.25	Free flowering, sweet scented and easily cultivated, well-known favorites, effective and beautiful in borders, beds, vases, etc. They thrive in almost any soil and produce a brilliant array of color throughout a long season. Breck's Prize is an exceedingly fine strain of large fringed flowers that produces a large percentage of doubles. We call special attention to the collections offered. The seed is all saved from selected pot-grown plants, and we believe will prove perfectly satisfactory.
—California Giant.....	"	"	"	.20	
—double.....	"	"	"	.50	
—Breck's Prize, double.....	"	"	"	.50	
—Inimitable, double.....	"	"	"	.50	
—nana compacta, brilliant rose.....	"	1	rose	.25	
—striped and blotched, double.....	"	1 1/2	mix'd	.50	
—double, mixed.....	"	"	"	.25	
nana compacta multiflora.....	"	1	stri.	3.00	
nyctaginiflora.....	"	1 1/2	white	.50	
striped and blotched.....	"	"	stri.	1.50	
choice mixed.....	"	"	mix'd	1.50	
mixed.....	"	"	"	.75	
collection, 12 varieties, large-flowered.....					
“ 6 “ “ “.....				\$1.00	
“ 12 “ “ double fringed.....				.50	
“ 6 “ “ “.....				1.50	
“ 12 “ “ double large.....				.75	
“ 6 “ “ flowered.....				1.50	
“ 6 “ “ “.....				.75	
Phacelia campanularia.....	“	1	blue	.50	Whitlavia-like flowers; showy.
Phaseolus (Flowering Bean), see Climbers					
Phlox Drummondii grandiflora alba.....	“	“	white	1.00	These flowers are of extreme beauty and are greatly admired. Their long duration of bloom, combined with their unequalled richness of color, render them of invaluable service in the flower garden. By making a second sowing they may be had in bloom until frost. They prefer a rich soil and plenty of water.
—atropurpurea.....	“	“	pur.	1.00	
—striata.....	“	“	stri.	1.00	
—coccinea.....	“	“	scar.	.75	
—Isabellina.....	“	“	yel.	1.00	
—oculata alba.....	“	“	w. & pu	1.00	
—rosea.....	“	“	rose	1.00	
—stellata splendens.....	“	“	cr. & w.	1.50	
—mixed.....	“	“	mix'd	.50	
cuspidata.....	“	“	“	.75	
fimbriata.....	“	“	“	1.00	
nana compacta, Snowball.....	“	1/2	white	2.00	
—Fireball.....	“	“	scar.	1.50	
double red.....	“	1	red	1.25	
—white.....	“	“	white	1.50	
—yellow.....	“	“	yel.	1.50	
—mixed.....	“	“	mix'd	1.50	
collection, 12 colors.....				.70	
decussata (Perennial Phlox).....	hP	2	“	1.50	Fine foliage which is in grand contrast to the balloon-like seed pods of bright orange red color. The fruit makes excellent preserves.
—nana.....	“	1	“	1.50	
Physalis Francheti (Chinese Lantern).....	hhP	2	“	.75	(Greek Valerian.) Showy, old favorites.
Pink , see Dianthus					
Poa , see Ornamental Grasses					These beautiful little favorites grow best in a light, dry soil. The seed should not be sown until the weather is warm. They are very suitable for edgings, rockwork, beds, etc. A percentage of the seed sold as double produce single flowers; as these bloom earlier they may be recognized and pulled out.
Polemonium (Jacob's Ladder) cœruleum..	hP	1 1/2	blue	.20	
flavum.....	“	“	yel.	.50	Very useful for mixed borders. They last a long time in bloom.
Poppy , see Papaver					
Portulaca grandiflora, single scarlet.....	hA	1/2	scar.	.50	These so-called hardy sorts require a cold frame or other protection during winter. They do best in a northern aspect. They are all very beautiful and useful both for garden and pot culture.
—white.....	“	“	white	.50	
—yellow.....	“	“	yel.	.50	
—mixed.....	“	“	mix'd	.30	
—collection, 6 colors.....	“	“	“	.25	
—double mixed.....	“	“	“	2.50	
—collection, 6 colors.....	“	“	“	.40	
Potentilla , Double.....	hP	1	mix'd	4.50	
Single.....	“	1 1/2	“	.75	
Primula , (Primrose) auricula alpina.....	hhP	1/2	mix'd	.50	
Japonica.....	†hhP	2	“	.50	
vulgaris (English Primrose).....	“	1	yel.	2.00	
mixed hardy sorts.....	“	var.	mix'd	10	
veris (Polyanthus), Giant Fancy.....	“	1	“	1.50	
—Duplex (Hose in Hose).....	“	“	“	10	
—Gold Laced.....	“	“	yel.	10	
—elator (Cowslip).....	“	“	mix'd	1.00	
See also Seeds for Greenhouse					



SALPIGLOSSIS.



TEN-WEEK STOCKS.

NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower.	Price per Oz. Pkt.	DESCRIPTION.
<i>Prince's Feather</i> , see <i>Amaranthus cruentus</i>					
<i>Prickly Poppy</i> , see <i>Argemone</i>					
<i>Pyrethrum</i> (Feverfew).....					
aureum (Golden Feather).....	hhP	1	yel.	.60 5	Golden foliage sorts, used for edging- ribbons, etc.
—Golden Gem.....	"	1/2	white	.60 5	
—selaginoides.....	"	"	yel.	1.00 10	
—discoideum.....	"	1	"	.50 5	Showy, aster-like flowers, of long dura- tion; fine for bouquets.
atrosanguineum.....	hP	2	red	1.00 10	
hybrids, single.....	"	"	mix'd	.75 10	
—double.....	"	"	"	1.00 10	
<i>Quaking Grass</i> , see Ornamental Grasses					
<i>Ragged Robin</i> , see <i>Lychnis</i>					
<i>Ranunculus</i> , asiaticus superbissimus.....	†hhP	1	mix'd	.75 10	Very showy, double flowers.
<i>Rhodanthe</i> , see Everlastings					
<i>Ricinus</i> (Castor Oil Plant)					
Borboniensis.....	hhA	15		.15 5	Stately, ornamental foliage plants; start seeds indoors. Large, dark green foliage. Foliage nearly black. Bluish-green foliage. Dark stems and foliage. Purple foliage. Red foliage. Bronze, changing to dark green; red ribs. Foliage light green to purple.
—Cambogensis.....	"	6		.20 5	
coerulescens.....	"	10		.15 5	
Gibsoni (Duchess of Edinboro).....	"	"		.15 5	
Philippinensis.....	"	"		.15 5	
sanguineus (Obermanii).....	"	7		.15 5	
Zanzibariensis maculatus.....	"	10		.15 10	
—mixed.....	"	var.		.15 10	
mixed sorts.....	"	"		.15 5	
<i>Rose of Heaven</i> , see <i>Agrostemma, cœli rosea</i>					
<i>Rose Campion</i> , see <i>Agrostemma, coronaria</i>					
<i>Rudbeckia</i> (Cone Flower) bicolor superba.	hA	2	y. & p.	5	Easily grown, showy, free flowering, grand for borders, and unsurpassed for cutting.
amplexicaulis.....	"	3	yel.	.25 5	
Newmanni.....	hP	"	y. & p.	5	
<i>Saintpaulia</i> ionantha, see Seeds for Green- house					
<i>Salpiglossis</i> grandiflora, tall mixed.....	hhA	2	mix'd	.75 5	These beautiful annuals have curiously penciled and marbled, funnel-shaped flowers. Emperor is a new type, pro- ducing a great number of very large flowers veined with gold, on a single stem.
—dwarf mixed.....	"	1	"	.50 5	
—Emperor.....	"	2	var.	2.00 10	
collection 6 varieties, tall.....	3c				Well-known, late summer, brilliant flower favorites. There is nothing showier than a bed of splendens. The golden foliage variety contrasts splendidly with the scarlet flowers. The deep blue color of patens is also
collection 6 varieties, dwarf.....	3c				
<i>Salvia</i> (Flowering Sage) argentea.....	†hP	3	white	5	
farinacea.....	hA	"	blue	1.00 5	
patens.....	†hhP	2	"	5.00 15	
prunelloides purpurea.....	hA	"	pur.	1.00 10	
splendens.....	†hhP	"	scar.	2.00 10	

See Special Offers on third page of cover.

NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower.	Price per Oz. Pkt.	DESCRIPTION.
<i>Salvia</i> .—Continued.					
—compacta erecta.....	thhP	1½	d. scar.	10	desirable, and this variety should be grown more largely. <i>Golden Foliage</i> and <i>Silver Spot</i> in addition to their good flowering qualities have very ornamental foliage.
—Golden Foliage.....	"	1	scar.	10	
—Silver Spot.....	"	"	"	10	
<i>Sanvitalia</i> procumbens fl. pl.....	hA	½	yel.	.50 5	Suitable for beds or rockwork, bloom all summer.
<i>Saponaria</i> calabrica.....	"	1	pink	.30 5	
—alba.....	"	"	white	.30 5	
—mixed.....	"	"	mix'd	.30 5	Charming little plants flowering all the season, splendid for beds or ribbon borders.
<i>Scabiosa</i> (Mourning Bride) atropurpurea...	"	2	pur.	.30 5	
candidissima fl. pl.....	"	1	white	.30 5	
Cherry Red.....	"	2	red	.30 5	Handsome plants for mixed borders, flowers beautifully variegated, useful for bouquets. They should be more generally grown.
King of Blacks.....	"	"	black	.30 5	
Pompadour.....	"	3	pu.&w.	.75 10	
Tall Mixed.....	"	varied	mix'd	.30 5	
Dwarf Yellow.....	"	"	yel.	.30 5	
Dwarf Victoria.....	"	1	white	.30 5	
Dwarf mixed.....	"	"	mix'd	.30 5	
collection 6 colors.....	30				
<i>Schizanthus</i> mixed.....	"	1½	mix'd	.30 5	Large flowers, blotched purple and spotted with orange; fine for bedding.
<i>Schizopetalon</i> Walkeri.....	"	¾	white	.50 5	
<i>Sedum</i> (Stonecrop) careleum ¼ oz.....	hP	¼	blue	10	
sempervivum.....	"	½	d. red	10	Showy little plants for carpet beds or rockwork, they flower profusely. Plant in sandy soil.
mixed.....	"	varied	mix'd	.75 5	
<i>Senecio</i> (Jacobeia) elegans fl. pl.....	hA	1	mix'd	.75 5	
—nana fl. pl.....	"	½	"	1.00 5	A useful and showy class of gay colored, profuse blooming plants, splendid for beds or pot culture.
—pomponicus purpurea.....	"	1	pur.	1.50 5	
—ruber.....	"	"	red	1.50 5	
—tall mixed.....	"	"	mix'd	1.25 5	
<i>Sensitive Plant</i> , see Mimosa					
<i>Shell Flower</i> , see Molucella					
<i>Silene</i> (Catchfly) Armeria.....	"	"	mix'd	.25 5	
pendula rose.....	"	"	rose	.25 5	
—double rose.....	"	½	"	.30 5	
—white.....	"	"	white	.30 5	Ornamental free flowering plants with bright colored flowers, suitable for beds, borders, or ribbon gardening.
—mixed.....	"	"	mix'd	.25 5	
virginica.....	hP	1½	pur.	10	
<i>Smilax</i> (Myrsiphyllum) see Seeds for Greenhouse					
<i>Snapdragon</i> , see Antirrhinum					
<i>Solanum</i> capsicastrum.....	tP	2	or'ge	.30 5	Ornamental fruit bearing plants for the greenhouse and summer garden, suitable for ribbon borders or rockwork.
Wetherell's hybrids.....	"	"	"	.30 5	
<i>Sphenogyne</i> speciosa.....	hA	1	yel.	.30 5	
<i>Spraguea</i> umbellata.....	hhA	½	rose	10	Amaranthus-like flowers for edging or rockwork.
<i>Squirrel Tail Grass</i> , see Ornamental Grasses					
<i>Stachys</i> lanata.....	hP	2	stri.	.25 5	
<i>Statice</i> (Sea Lavender) annual varieties...	hA	varied	mix'd	.30 5	Silver leaved, fine for borders.
Perennial varieties.....	hP	"	"	.30 5	
<i>Stevia</i> , see Seeds for Greenhouse					
<i>Stipa</i> , see Ornamental Grasses					
<i>Stocks</i> (Gilliflower)					
large flowering ten week bright crimson...	hhA	1¼	crim.	3.00 10	The seed we offer is all pot grown especially for us in Germany, by the foremost cultivator of this fragrant favorite. It will produce a very large percentage of flowers that are unsurpassed for doubleness, form, size and color. Our Boston Florists' strain is now also raised in Germany. It produces a fine long spike, very double globular flower of the purest white. For a succession of flowers seed
—brilliant rose.....	"	"	rose	3.00 10	
—canary yellow.....	"	"	yel.	3.00 10	
—deep red.....	"	"	d. red	3.00 10	
—dark blue.....	"	"	d. blue	3.00 10	
—dark purple.....	"	"	d. pur.	3.00 10	
—light blue.....	"	"	l. blue	3.00 10	
—light rose.....	"	"	l. rose	3.00 10	
—scarlet.....	"	"	scar.	3.00 10	
—snow white.....	"	"	white	3.00 10	
—mixed.....	"	"	mix'd	2.00 10	
—collection 12 distinct colors.....	65				
—" 6 " ".....	35				
Breck's Boston Florist White.....	"	"	white	4.00 10	
Cut-and-Come-Again.....	"	"	"	2.00 10	

See Special Offers on third page of cover.



PHLOX.



SAINT PAULIANA

NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower.	Price per Oz. Pkt.	DESCRIPTION.
Stocks.—Continued.					
Dresden perpetual.....	hhA	1	white	2.00 10	} should be sown in March or April, in heat, and outdoors in May and June. A light soil and high cultivation are desirable.
—mixed.....	"	"	mix'd	2.00 10	
pyramidal large flowering.....	"	1 ½	"	3.00 10	
Victoria.....	"	1	white	3.00 10	
—mixed.....	"	"	mix'd	3.00 10	
Early Autumnal.....	hhB	1 ½	"	4.00 10	
Brompton or Winter.....	"	"	"	4.00 10	
East Lothian.....	"	"	"	5.00 10	
Stonecrop , see Sedum					
Streptocarpus , see Seeds for Greenhouse					
Sunflower , see Helianthus 101					
Sweet Alyssum , see Alyssum maritimum					
Sweet Pea (Lathyrus). (See page 100.)					
Sweet William , see Dianthus barbatus					
Sweet Rocket , see Hesperis					
Swainsonia alba grandiflora.....	hhP	1 ½	white	15	} Sweet Pea-like flowers suitable for pot culture or bedding.
Sweet Clover (Melilotus) alba.....	hP	2 ½	"	5	
—cœrulea.....	"	1 ½	blue	5	} Sweetly fragrant plants, fine for borders.
trifolium suaveolens.....	hA	"	crim.	.30 5	
Tagetes (Marigold), (See page 97.)					
Tassel Flower , see Cacalia					
Thunbergia , see Climbers					
Thistle , see Onopordon					
Thrift , see Armeria					
Torenia Fournieri.....	tA	1	mix'd	10	} Valuable for vases, hanging baskets or pot culture.
Tricholœna , see Ornamental Grasses					
Tritoma (Red Hot Poker Plant)—					
uvaria grandiflora.....	hhP	3	scar.	.75 10	} The flowers are produced in large spikes of orange tinted flower tubes.
Tritonia aurea.....	"	½	or'ge	1.50 10	
Trollius , mixed.....	hP	1	mix'd	2.00 15	} Dwarf growing bulbous plants, tubular shaped flowers.
Tropæolum nanum (Nasturtium Dwarf)					
(See page 98.)					
Trumpet Vine , see Climbers					
Valeriana	"	2	"	.50 5	} Large bright flowers for mixed borders or shrubberies.
Venidium calendulaceum.....	hhA	1	yel.	.40 5	
Venus-Looking-Glass , see Campanula speculum					
Verbena hybrida, Auricula-flowered.....	†hhP	"	mix'd	1.00 10	} One of the best bedding plants in cultivation. Unrivalled as a constant
—candidissima compacta.....	"	¾	white	1.00 10	
—coccinea compacta.....	"	"	scar.	1.00 10	
—cœrulea.....	"	1	blue	.75 10	

See Special Offers on third page of cover.

NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower.	Price per Oz. Pkt.	DESCRIPTION.
Verbenas.—Continued.					
—Defiance.....	thhP	1	scar.	1.50 10	bloomer, brilliancy of flower and sweet fragrance. Montana is a perfect gem. The plant literally covers itself during the summer with bright rose colored flowers.
—Golden Leaved.....	"	"	mix'd	1.50 10	
—Italica striata.....	"	"	stri.	1.00 10	
—Mammoth.....	"	1 1/2	mix'd	1.50 10	
—mixed, choice.....	"	1	"	1.00 10	
—good.....	"	"	"	.75 5	
Montana.....	hP	"	rose	.50 5	
Lemon-scented (Aloysia) see Seeds for Greenhouse					
Veronica	"	2	mix'd	.30 10	
Vinca , see Seeds for Greenhouse					
Viola (Violet) cornuta, Admiration.....	hhP	1/2	d. blue	1.50 10	Well-known favorites that are much in demand on account of their fragrance and profusion of bloom. They are very easily grown from seed, although they frequently take a long time to germinate.
—Mauve Queen.....	"	"	pur.	1.00 10	
—Magnificent.....	"	"	l. blue	1.00 10	
—White Perfection.....	"	"	white	1.00 10	
odorata semperflorens.....	"	"	blue	.75 10	
—alba.....	"	"	white	.75 10	
—The Czar.....	"	"	violet	1.00 10	
—The White Czar.....	"	"	white	1.00 10	
mixed.....	"	"	mix'd	1.00 10	
Viola Tricolor (Pansy) (See page 98.)					
Virginia Creeper , see Climbers					
Virgin's Bower , see Climbers					
Viscaria cardinalis.....	hA	1	scar.	.25 5	Showy flowers produced throughout the season; fine for beds.
oculata cœrulea.....	"	"	blue	.25 5	
Wahlenbergia (Bell Flower) grandiflora.....	hP	2	"	.75 5	Large and showy border plants with bell-shaped flowers. Allied to the Campanula.
—alba.....	"	"	white	.75 5	
Waitzia , see Everlastings					
Wallflower (Cheranthus)					
double German.....	hhP	1	mix'd	2.50 10	Beautiful border plants with fragrant flowers ranging in velvety shades of brown and yellow. The annual sort is a decided acquisition.
single German.....	"	"	"	.30 5	
single annual.....	hA	"	"	1.00 10	
Whitlavia grandiflora.....	"	"	blue	.25 5	Flowers are bell shaped and produced throughout the entire season.
—alba.....	"	"	white	.25 5	
Wigandia caracasana.....	hhP	6	lilac	.75 5	Beautiful decorative plants, richly veined foliage and bright colored stalks.
imperialis.....	"	"	"	5	
Xeranthemum , see Everlastings					
Yarrow , see Achillea					
Zea , see Ornamental Grasses					
Zinnia (See page 101.)					
CLIMBERS.					
Abobra viridiflora.....	hhP	10	scar.	.75 5	Dark green foliage, scarlet fruit. Foliage resembles Maiden Hair Fern. Sow in a shady place in spring and transplant carefully in September.
Adlumia (Mountain Fringe or Allegheny Vine) cirrhosa.....	hB	15	flesh	.75 5	
—purpurea.....	"	"	pur.	1.00 5	
Ampelopsis quinquefolia (Virginia Creeper)	hP	30		.25 5	Nothing better for veranda, foliage beautiful in autumn.
Veitchii (Boston or Japanese Ivy).....	"	50		.25 10	
Aristolochia (Dutchman's Pipe) elegans... siphon.....	hhP hP	25 "	br. & yl. "	2.00 10 10	The well known and decorative Boston Ivy. Very large, showy foliage.
Balloon Vine , see Cardiospermum					
Beans , running, see Phaseolus					
Bignonia radicans (Trumpet Vine).....	"	"	scar.	1.00 10	Fine foliage and brilliant flowers. The green fruit changes to scarlet and white. (Ornamental Gourd.)
Byronopsis erythrocarpa.....	hhA	10	red	.40 5	
Calampelis scabra.....	thP	6	orange	1.00 10	
Cardiospermum (Balloon Vine) halicacabum.....	"	8	white	.25 5	Pea-shaped flower of many pleasing colors.
Centrosema grandiflora (Butterfly Pea).....	hP	6	varied	1.00 10	
Virginica.....	"	"	"	1.00 10	
Clematis (Virgin's Bower) flammula.....	"	15	white	.50 5	These are general favorites. The large flowered Hybrids and Paniculata will please and surprise all.
Large Flowering Hybrids.....	"	var.	mix'd	2.50 10	
paniculata.....	"	15	white	5	
Cobæa macrostemma.....	hhP	20	gl. & yl.	1.50 10	Start the seeds in heat, setting them on edge, and cover half an inch. They flower most profusely when planted in sandy or light soil.
scandens.....	"	"	pur.	.75 5	
—alba.....	"	"	white	.75 5	
Coccinea indica.....	hhA	10	"	.60 5	White flowers, scarlet fruit. Convolvulus Major is the old favorite. The other two sorts are new and fine,
Convolvulus major (Morning Glory).....	hA	"	mix'd	.10 5	

See Special Offers on third page of cover.

**DOLICHOS.****HUMULUS—Japonica.****LOPHOSPERMUM.**

NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower.	Price per Oz. Pkt.	DESCRIPTION.
Convolvulus.—Continued.					
—Imperial Japanese.....	hA	20	Mix'd	.30 10	} especially the Japanese Morning Glory. They bear large and wonderfully colored flowers.
—purpurea fl. pl. (Double Morning Glory)	"	15	w. & r.	.50 10	
Cucumis erinaceous (Hedge Hog Gourd)...	hhA	8	yel.	5	
acatangulus (Rag or Dish Cloth Gourd)...	"	"	"	.15 5	} These are all of rapid growth, ornamental foliage, and produce very curious fruit.
flexuosus (Snake Cucumber).....	"	10	"	.30 5	
perennis.....	tP	15	"	.75 5	
Cucurbita , see Gourds					} The inside of the Dish Cloth Gourd is useful for bathing, etc.
Cyclanthera pedata.....	hhA	10		5	
Cypress Vine , see Ipomæa quamoclit					} Beautiful oval-shaped fruit.
Dolichos lablab (Hyacinth Bean).....	hA	"	pur.	.20 5	
—alba.....	"	"	white	.20 5	
—mixed.....	"	"	mix'd	.15 5	} Beautiful, sweet-scented flowers, followed by ornamental pods.
Dutchman's Pipe , see Aristolochia					
Echinocystis lobata (Wild Cucumber)...	hhA	12	green	.30 5	
Gourds , angora.....	"	8		5	} Soak the seed 8 hours, plant eye down.
Apple-shaped.....	"	10		5	
Bottle-shaped.....	"	"		5	
Dipper-shaped.....	"	15		5	} White spotted fruit.
Egg-shaped.....	"	10		5	
Gooseberry-shaped.....	"	6		5	
Hercules' Club.....	"	15		5	} Small striped fruit.
Lemon-shaped.....	"	6		5	
Orange-shaped.....	"	"		5	
Pear-shaped.....	"	10		5	} Ornamental and curious.
Sugar-Trough.....	"	15		5	
Mixed.....	"	var.		.25 5	
Collection, 12 varieties.....				50	} Useful.
Humulus (Hop) Japonica.....	hA	12		.50 5	
—Variegated.....	"	15		.50 10	
lupulus (Common Hop).....	hhP	20		5	} White Nest Egg. Useful.
Ipomæa bona nox (Evening Glory).....	hhA	15	white	.25 5	
coccinea (Star Ipomæa).....	hA	10	scar.	.20 5	
Heavenly Blue.....	hhA	"	blue	1.00 5	} Very long.
hederacea superba (Ivy-leaved).....	"	"	"	.50 5	
Leari.....	tP	15	"	5	
limbata elegantissima.....	hhA	10	b. & w.	.30 5	} Very beautiful.
Mexicana grandiflora alba.....	"	15	white	.75 10	
noctiflora (Moon Flower).....	"	"	"	10	
setosa (Brazilian Morning Glory).....	hhP	10	red	5	} " "
quamoclit (Cypress Vine).....	hhA	"	scar.	.30 5	
—white.....	"	"	white	.30 5	
—mixed.....	"	"	mix'd	.25 5	} Used as water holders.
Lathyrus latifolius albus (Perennial Pea)...	hP	"	white	.50 10	
—Pink Beauty.....	"	"	pink	.75 10	
—mixed.....	"	"	mix'd	.50 10	} All ornamental.
Lophospermum scandens.....	tP	"	pur.	5	
Maurandya Barclayana.....	†tP	"	"	10	
Emeryana rosea.....	"	"	rose	10	} Quick growers, form a fine screen. The H. J. Variegated has beautiful green and white leaves.
mixed.....	"	"	mix'd	1.00 10	
Mina lobata.....	tA	15	w. & r.	10	

See Special Offers on third page of cover.

NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower.	Price per Oz. Pkt.	DESCRIPTION.
<i>Momordica</i> balsamina (Balsam Apple).....	tA	10		.30 5	Golden yellow fruit, warted, when ripe opens disclosing its brilliant colored interior.
—charantia (Balsam Pear).....	"	"		.30 5	
<i>Nasturtium</i> , see <i>Tropæolum</i>					
<i>Passiflora</i> (Passion Flower) cœrulea.....	tP	30	blue	10	Interesting and beautiful. The seed should be started in heat.
coccinea.....	"	20	scar.	10	
incarnata.....	"	"	rose	10	
<i>Phaseolus</i> multiflorus (Climbing Bean)					
Scarlet Runner.....	hhA	10	scar.	5	Well known and useful, ornamental climbers.
White Runner.....	"	"	white	5	
<i>Sweet Peas</i> (<i>Lathyrus odoratus</i>). (See p100)					
<i>Thunbergia</i> alata.....	"	5	o. & b.	.75 5	Rapid growing, slender climber; extremely pretty flowers, freely produced.
—alba.....	"	"	white	.75 5	
mixed.....	"	"	mix'd	.75 5	
<i>Tropæolum</i> majus (Climbing Nasturtium). (See page 98.)					
<i>Tropæolum</i> Lobbianum, see page					
SEEDS FOR GREENHOUSE.					
<i>Abutilon</i> (Chinese Bell Flower).....					
choice hybrids..... ½ oz. 1.00	tP	4	mix'd	15	<i>Tennysonian</i> is a new Californian strain of the greatest excellence. It embraces all desirable colors.
<i>Tennysonian</i> " 1.00	"	"	"	10	
<i>Acacia</i> albicans.....	"	"	yel.	5	Of very graceful form. They bear a wealth of fragrant golden yellow flowers.
dealbata.....	"	6	"	5	
mixed.....	"	varied	"	.30 5	
<i>Achimenes</i>	"	1	mix'd	20	Fine summer blooming greenhouse plants.
<i>Aloysia</i> citriodora (<i>Lemon Scented Verbena</i>)	"	"	"	1.25 15	
<i>Asparagus</i> plumosa nana.....	"	6	"	20	Beautiful fern-like plants, that withstand the atmosphere of the living rooms better than ferns.
Sprengeri.....	"	2	"	10	
<i>Begonias</i> , tuberous rooted—					
—Breck's International Prize, single	"	"	"	25	With a little care, there is no difficulty in raising these from seed. They are very free flowering, and are adapted both for greenhouse cultivation and summer bedding. Our seed is from the finest collection in England.
—double.....	"	"	"	50	
—erecta cristata grandiflora.....	"	"	"	50	
—collection, 12 distinct colors..... 1.00					
— " 6 " "..... .50					
Rex, Ornamental Leaved.....	"	1	"	25	These well-known and favorite plants are especially suitable for growing in the living rooms; they withstand any amount of abuse and are always beautiful; in addition to their fine flowers and sweet perfume, they have lovely foliage. The <i>Semperflorens</i> type are excellent for summer bedding.
<i>Semperflorens</i>	"	1½	rose	20	
—alba.....	"	"	white	20	
—rosea.....	"	"	rose	20	
—Vernon.....	"	"	carm.	20	
—compacta.....	"	½	"	20	
—yellow-leaved.....	"	"	scar.	20	
—Bedders.....	"	"	mix'd	20	
—Zulu King.....	"	"	red	20	
—Hybrids, double.....	"	"	mix'd	20	
Baumannii.....	"	"	rose	20	
Credneri.....	"	"	white	20	
Hybrida Hero.....	"	"	rose	20	
Pioneer odorata.....	"	"	"	20	
<i>Calceolaria</i> , Breck's Scotch Prize.....	tP	2	mix'd	50	The strains of this universal favorite offered by us are saved from the best collections, and are PRIZE WINNERS wherever exhibited.
Dalkeith Park.....	"	"	"	25	
James' Giant.....	"	"	"	50	
William's Prize.....	"	"	"	50	
Large Flowered Selfs.....	"	"	"	25	
—spotted.....	"	"	"	25	
Dwarf Large Flowered.....	"	1	"	50	
rugosa (Shrubby), for bedding.....	"	1½	"	25	
<i>Chrysanthemum</i> , Chinese.....	hhP	3	"	10	The "Queen of Autumn." The seed we offer is saved from the best sorts only and includes everything desirable.
—pompon.....	"	1½	"	10	
—Japanese.....	"	3	"	10	
—pompon.....	"	1½	"	10	
mixed.....	"	var.	"	10	
<i>Cineraria</i> grandiflora—					
—Breck's Columbia.....	tP	1½	mix'd	50	BRECK'S COLUMBIA is an American strain. Those who have grown it

See Special Offers on third page of cover.



CALCEOLARIA.



CINERARIA.



PRIMULA.

NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower.	Price per Oz. Pkt.	DESCRIPTION.
Cineraria. —Continued.					
—Covent Garden	tP	1 ½	mix'd	50	claim it to be superior in habit of plant, size, form and color of flowers to any of the European selections. We especially recommend it. Florists and private gardeners throughout the United States endorse its superiority. The stellata has cactus-like flowers.
—James' Prize	"	"	"	50	
—nana	"	1	"	50	
—plenissima, double	"	1 ½	"	50	
—Tom Thumb	"	1	blue	50	
stellata, or Star	"	1 ½	mix'd	25	The stellata has cactus-like flowers. Fine summer blooming plants with magnificent pea-shaped flowers. Bedding plants with beautiful colored foliage. Easily grown from seed. The dwarf large-leaved strain is especially desirable. The colors are light to dark red, beautifully marbled and spotted.
Cilanthus Dampieri	"	3	scar.	10	
magnificus	"	4	crim.	10	
Coleus , choicest mixed	"	2	"	10	Continual bloomers. Adapted for bedding and for house and conservatory decoration.
fringed and blotched	"	"	"	20	
large leaved varieties	"	"	"	20	
large leaved, dwarf	"	¾	"	10	Easily grown, free-flowering, bulbous plants for pot culture. Breck's Imperial is unsurpassed for size, form, profusion and variety of delicate colored flowers. It has eclipsed all others on the exhibition tables at the Mass. Horticultural Society's exhibitions. The several varieties offered here are grown for us by the leading cyclamen growers of Europe, and are at least equal in quality to any obtainable. <i>Bush Hill Pioneer</i> is the first of a new race; each petal has a distinct crest or feather upon its face. <i>Papilio</i> has fringed and oddly curled petals, and handsomely mottled foliage. The <i>Double Flowered</i> sort makes a fine contrast to the single varieties.
Cuphea (Cigar Plant) <i>miniata</i>	thhP	1	"	5	
—compacta	"	2/3	mix'd	10	
—platycentra	"	1	s. & w.	10	
Cyclamen <i>giganteum</i>	tP	"	mix'd	50	
—Breck's Imperial	"	"	white	50	Ornamental plants for greenhouse, also useful for vases. <i>Indivisa</i> has narrow green leaves. The midrib of <i>Veitchii</i> is a deep red color. Sweet-scented bulbous plants. Well known plants of easy culture. They require a firm, rich soil and shady location. Velvety foliage, spotted flowers. Allied to <i>Gloxinia</i> . The seed here offered embraces the cream of several European Prize Collections. It is the very choicest
—album (Mont Blanc)	"	"	d. red	50	
—atropurpureum	"	"	crim.	50	
—Crimson King	"	"	d. crim.	50	
—Duke of Connaught	"	"	w. & p.	50	
—picturatum	"	"	pink	50	
—Princess May	"	"	red	50	
—Princess of Wales	"	"	rose	50	
—Rosy Moon	"	"	d. red	50	
—sanguineum	"	"	p. & c.	50	
—Sunray, pink and claret	"	"	white	50	
—White Swan	"	"	mix'd	25	
—William's Prize	"	"	white	50	
—Bush Hill Pioneer, white	"	"	rose	50	
—Rose	"	"	mix'd	25	
<i>papilio</i>	"	"	"	50	
Large Double Flowered	"	½	"	25	
Persicum, mixed	"	"	"	"	
Dracæna <i>Australis</i>	"	8	"	25	Sweet-scented bulbous plants. Well known plants of easy culture. They require a firm, rich soil and shady location. Velvety foliage, spotted flowers. Allied to <i>Gloxinia</i> . The seed here offered embraces the cream of several European Prize Collections. It is the very choicest
— <i>indivisa</i> , per 1,000 seeds	"	"	"	10	
— <i>Veitchii</i>	"	3	"	25	
Ferns , collection 12 fine sorts	"	2	white	10	Ornamental plants for greenhouse, also useful for vases. <i>Indivisa</i> has narrow green leaves. The midrib of <i>Veitchii</i> is a deep red color. Sweet-scented bulbous plants. Well known plants of easy culture. They require a firm, rich soil and shady location. Velvety foliage, spotted flowers. Allied to <i>Gloxinia</i> . The seed here offered embraces the cream of several European Prize Collections. It is the very choicest
Freesia <i>refracta alba</i>	"	var.	mix'd	25	
Fuchsia <i>hybrida</i> , Single	"	"	"	25	
—double	"	"	"	"	Ornamental plants for greenhouse, also useful for vases. <i>Indivisa</i> has narrow green leaves. The midrib of <i>Veitchii</i> is a deep red color. Sweet-scented bulbous plants. Well known plants of easy culture. They require a firm, rich soil and shady location. Velvety foliage, spotted flowers. Allied to <i>Gloxinia</i> . The seed here offered embraces the cream of several European Prize Collections. It is the very choicest
Geranium , see <i>Pelargonium</i>	"	½	"	50	
Gesnera , veined hybrids	"	"	"	"	
Gloxinia <i>hybrida grandiflora</i>	"	1	crim.	50	Ornamental plants for greenhouse, also useful for vases. <i>Indivisa</i> has narrow green leaves. The midrib of <i>Veitchii</i> is a deep red color. Sweet-scented bulbous plants. Well known plants of easy culture. They require a firm, rich soil and shady location. Velvety foliage, spotted flowers. Allied to <i>Gloxinia</i> . The seed here offered embraces the cream of several European Prize Collections. It is the very choicest
—Aigburth crimson	"	"	white	50	
—Avalanche	"	"	"	"	

See Special Offers on third page of cover.

NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower.	Price per Oz. Pkt.	DESCRIPTION.
Gloxinia.—Continued.					
—cælestina	tP	1	b. & w.	50	obtainable, and includes colors, shades and markings that beggar description. <i>Cyclops</i> is carmine with white edge spotted red. <i>Goliath</i> , purple-violet spotted, throat carmine, white edge spotted violet. <i>Hetherset Hybrid</i> is one of the most beautiful offered.
—Cyclops	"	"	c. & w.	50	
—Brilliant	"	"	crim.	25	
—Defiance	"	"	scar.	50	
—Goliath	"	"	pur.	50	
—Hetherset Hybrid	"	"	mix'd	50	
—Princess Maud	"	"	c. & w.	50	
—French Spotted and Striped	"	"	spot.	50	
—Giant Hybrids	"	"	mix'd	50	
Grevillea robusta	"	4	or'ge.	.75 10	Graceful foliage plant.
Heliotropium (Heliotrope)					{ Well-known bedding and pot plants that are highly prized for their delightful fragrance. They are of the easiest culture and prefer a light, rich soil.
Chieftain (dark)	"	"	d. pur.	10	
Snowball	"	"	white	10	
Giant Hybrids, mixed	"	2	mix'd	1.00 10	Handsome, sweet-scented pot plants.
Humea elegans	hhB	4	red	10	Suitable for pots and beds.
Lantana hybrida	tP	2	mix'd	5	Beautiful greenhouse climber.
Lapageria rosea	"	15	rose	25	Splendid foliage plant.
Musa ensete (Banana)	"	10		25	{ A beautiful climber; flowers have a sweet orange fragrance.
Myrsiphyllum (Smilax) —					
<i>asparagoides</i>	"	"	white	.75 10	{ General favorites; indispensable for indoor and outdoor decoration. The seed we offer is saved from first-class varieties.
Pelargonium (Geranium) —					
apple-scented	"	1½	pink	15	
double scarlet	"	2	scar.	10	
ivy-leaved	"	"	mix'd	20	
Zonale	"	"	"	.75 10	
show pelargoniums	"	"	"	50	
Periwinkle , see <i>Vinca</i>					
Primrose , see <i>Primula</i>					
Primula sinensis (Chinese Primrose) —					
<i>Breck's Superb</i>	"	¾	mix'd	50	{ To secure good results in growing these favorites the planter must be sure to obtain the very best strains only. Our seed is the cream of several collections that are recognized as the best in Europe. <i>Breck's Superb</i> is the finest strain in existence; vigor of plants, size, substance and variety of delicate shades of flowers are its features.
<i>alba magnifica</i>	"	"	white	50	
<i>alba oculata lutea</i> (white, yellow eye)	"	"	w. & y.	50	
<i>Chiswick Red</i>	"	"	crim.	50	
<i>coccinea</i> , scarlet, yellow eye	"	"	scar.	50	
<i>Countess</i>	"	"	black	50	
<i>cristata hybrida</i>	"	"	mix'd	25	
<i>cœrulea</i>	"	"	blue	50	
<i>James' Prize</i>	"	"	mix'd	50	
<i>Magnum Bonum</i>	"	"	d. red	50	
<i>rubra violacea</i>	"	"	d.crim.	50	
<i>Snowball</i> (Queen of Whites)	"	"	white	50	
<i>Snowdon</i> (immense trusses)	"	"	"	50	
<i>Fern-leaved Giant Flowering</i>	"	"	mix'd	50	
—mixed	"	"	"	25	
double mixed	"	"	"	50	
<i>obconica grandiflora</i>	"	"	white	15	
— <i>Kermesina</i>	"	"	red	25	
— <i>Rosy chamois</i>	"	"	pr'rose	35	
— <i>rosea</i>	"	"	rose	25	
— <i>fimbriata</i>	"	"	white	25	
Saintpaulia ionantha	ftP	½	blue	25		Beautiful violet-like flowers.
Stevia eupatoria	tP	1½	white	5	{ Valuable for pots and borders. Fine for bouquets.
<i>Lindleyana</i>	"	"	rosy	5	
Streptocarpus , imp. <i>hybrida</i>	"	1	mix'd	25	{ Magnificent climber.
Tacsonia Van <i>Volexemi</i>	"	10	scar.	10	
Vinca (Periwinkle) <i>alba</i>	ftP	3	white	.75 5	{ Tender evergreen plants, suitable for pot culture or planting out.
<i>rosea</i>	"	"	rose	.75 5	
— <i>alba</i>	"	"	ro.&w	.75 5	
—mixed	"	"	mix'd	.75 5	
EVERLASTINGS.					
Useful for winter bouquets.					
Acroclinium album	hhA	1	white	.30 5	{ Graceful plants, with daisy-like flowers; useful for winter decorations. The flowers should be gathered when young.
— fl. pl.	"	"	"	.30 5	
<i>roseum</i>	"	"	rose	.30 5	
— fl. pl.	"	"	"	.30 5	
mixed	"	"	mix'd	.30 5	
Ammobium alatum	hhP	2	white	.30 5	{ Gather before fully expanded to preserve for winter.
<i>grandiflorum</i>	"	"	"	.30 5	



NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower.	Price per Oz. Pkt.	DESCRIPTION.
Globe Amaranth , see <i>Gomphrena</i>					
Gomphrena aurea superba	hA	1 1/2	or'ge	.30	These are old favorites for winter bouquets, and were formerly called "Bachelor's Buttons." The flowers are globular in form, of delicate colors, and retain their beauty for years. They should be grown in an enriched sandy loam.
—globosa alba.....	"	"	white	.30	
—rosea	"	"	rose	.30	
—striata	"	"	stri.	.30	
—violacea	"	"	violet	.30	
—mixed	"	"	mix'd	.30	
—nana compacta rubra	"	"	red	.30	
— — — alba	"	"	white	.30	
Helichrysum bracteatum , single.....	hA	1 1/2	yel.	.30	These are the best known of all everlastings. The flowers are of large size and bright colors. The flowers should be gathered when partially unfolded and suspended with their heads downward in a cool place. They prefer a rich loamy soil.
—album.....	"	"	white	.30	
—Fireball	"	"	crim.	.50	
monstrosum album, double.....	"	"	white	.50	
—luteum, double	"	"	yel.	.50	
—purpureum, double.....	"	"	pur.	.50	
—roseum, double.....	"	"	rose	.50	
—double mixed.....	"	"	mix'd	.50	
—nanum, dwarf double.....	"	I	"	.75	Small foliage, large clusters of white and golden star-like flowers.
Helipterum Sanfordi	"	"	yel.	.20	
corymbiflorum.....	"	"	white	.20	
Rhodanthe maculata	hhA	"	r. & w.	.50	
—alba.....	"	"	white	.50	Very beautifully formed flowers.
—mixed	"	"	mix'd	.50	
Manglesii.....	"	I	rose	.50	
Shortia Californica	hA	"	yel.	.50	
Waitzia grandiflora	hhA	"	"	1.00	Flowers in clusters; should be gathered early.
Xeranthemum album fl. pl.	hA	2	white	.25	A showy class of everlastings. The flowers retain their color and form a long time.
purpureum fl. pl.	"	"	pur.	.25	
mixed double.....	"	"	mix'd	.25	
ORNAMENTAL GRASSES.					
A large number of these grasses, if cut before they are fully matured, will be useful in the formation of winter bouquets, mixed with everlastings.					
collection, 12 distinct sorts.....	50				
Abyssinian Grass , see <i>Poa amabilis</i>					
Agrostis nebulosa	hA	1 1/2		5	Fine plumes for bouquet.
Andropogon argenteus	hP	4		5	Dense, silky, with bright white hairs.
Animated Oats , see <i>Avena sterilis</i>					
Arundo conspicua	"	8		5	New Zealand Pampas Grass.
Donax fol. variegatas	"	"		10	Finely striped foliage.
Avena sterilis (<i>Animated Oats</i>).....	hA	2 1/2		10	

See Special Offers on third page of cover.

NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower.	Price per Oz. Pkt.	DESCRIPTION.
<i>Briza gracilis</i>	hA	1		5	} The well-known Quaking Grass.
<i>maxima</i>	"	2		5	
<i>Bryzopyrum siculum</i>		$\frac{3}{4}$		5	} Good for edging.
<i>Bromus brizaeformis</i>	hP	$1\frac{1}{2}$		5	
<i>Chloris barbata</i>	tP	1		5	} Very effective in borders, slender and
<i>elegans</i>	"	$\frac{3}{4}$		5	
<i>Chloropsis Blanchardiana</i>		3		10	} Flowers of a bright rose color.
<i>Chrysurus aureus</i>	hA	1		5	
<i>Coix lachryma</i> (Job's Tears).....	"	$1\frac{1}{2}$		5	} The dry seeds make fine strings of
<i>Eleusine oligostachya</i>	"	1		10	} Three horns, very pretty.
<i>Eragrostis elegans</i> (Love Grass).....	"	"		5	
<i>Erianthus ravenneæ</i>	hP	8		10	} For borders and bouquets.
<i>Eulalia Japonica</i>	"	6		10	
<i>Feather Grass</i> , see <i>Stipa pennata</i>					} Resembles Pampas Grass.
<i>Festuca pectinella</i>	"	$\frac{1}{2}$		5	
<i>viridis</i>	"	"		5	} Useful for edging and bouquets.
<i>Gynerium argenteum</i> (Pampas Grass).....	tP	7		10	
<i>jubatum</i>	"	6		10	} Most stately of all grasses. <i>G. jubatum</i>
<i>Hare's Tail</i> , see <i>Lagurus</i>					
<i>Hordeum jubatum</i>	hA	2		5	} Squirrel Tail Grass.
<i>Isolepis gracilis</i>	hhP	$\frac{1}{2}$		10	
<i>Job's Tears</i> , see <i>Coix</i>					} Pretty rush-like grass.
<i>Lagurus ovatus</i> (Hare's Tail).....	hA	$1\frac{1}{2}$		5	
<i>Pampas Grass</i> , see <i>Gynerium</i>					}
<i>Paspalum elegans</i>	"	2		10	
<i>Pennisetum longistylum</i>	"	$1\frac{1}{2}$		5	} Pretty for borders or shrubberies.
<i>Poa amabilis</i> (Abyssinian Grass).....	"	2		10	
<i>Stipa elegantissima</i>	hP	"		10	} Distinct and beautiful.
<i>pennata</i> (Feather Grass).....	"	"		5	
<i>Tricholæna rosea</i>	"	1		10	} Excellent for bouquets.
<i>Tripsacum dactyloides</i>	"	$\frac{1}{4}$		10	
<i>Uniola latifolia</i>	hA	3		10	} Pretty for edging.
<i>Zea Japonica variegata</i> (Maize).....	"	"		5	
— <i>gigantea quadricolor</i>	"	4		10	} Useful for bouquets.
Mixed.....	"	var.		5	
					} The leaves are beautiful, striped with
					} white, rose and yellow.

WILD GARDEN SEEDS.



Any one who has cultivated flowers in neatly laid out beds, or carefully planned ribbon borders, is aware of the amount of labor and constant attention necessary to produce the desired effect. To those who cannot give this care, we offer "Wild Garden Seeds," a mixture of over one hundred varieties of hardy flower seeds. No one who has not seen such a bed can form an idea of its possibilities, the different seasons of bloom insuring something new almost every day. Half-oz. packets, 20 cts.

Breck's Collections of Flower Seeds.

COLLECTION "A," price 25 cts., contains one packet each of Mignonette; Alyssum, white; Sweet Peas, fine mixed; Phlox Drummond, fine mixed; Portulaca, fine mixed; Chinese Pink, fine mixed.

COLLECTION "B," price 50 cts., contains the varieties in Collection "A," with the following in addition: Nasturtium, Tom Thumb, fine mixed; Candytuft, finest mixed; Aster, German, fine mixed; Pansy, finest mixed; Eschscholtzia, fine mixed; Morning Glory, fine mixed.

COLLECTION "C," price 75 cts., contains the varieties in Collection "A," and "B," with the following in addition: Coreopsis, fine mixed; Balsam, fine mixed; Zinnia, fine mixed; Mourning Bride, fine mixed; Petunia, finest mixed; Calendula, "Meteor," yellow.

COLLECTION "D," price \$1.00, contains the varieties in Collections "A," "B," and "C," with the following in addition: Tall Nasturtium, fine mixed; Marigold, French, striped; Larkspur, dwarf Rocket; Poppy, double mixed; Convolvulus, dwarf mixed; Chrysanthemum, fine mixed; Antirrhinum, finest mixed.

COLLECTION "E." This assortment produces a fine effect in the garden and all the sorts are suitable for bouquets. Price 50 cts. Abronia, Ageratum, Amaranthus Bicolor, Aquilegia, Aster Chrysanthemum-flowered, Calliopsis Collinsia, Dianthus Chinensis, Codetia, Mignonette, Phlox Drummond, Zinnia.

COLLECTION "F." The following kinds are specially suitable for growing in vases or hanging baskets. Price 25 cts. Alyssum Maritimum, Convolvulus Mauritanicus, Dwarf Nasturtiums, Lobbs' Nasturtiums, Lobelia Gracilis, Mimulus Moschatus.

See Special Offers on third page of cover.

BULBS and PLANTS



Amaryllis.

APIOS TUBEROSA. A pretty, hardy native climber. Flowers resemble the popular *Wistaria*; very fragrant. 10 cents each; \$1.00 per dozen.

BEGONIA. Tuberous Rooted. These are desirable plants for bedding. The flowers are not destroyed by rain storms, but seem to shine more brilliant after every shower. The colors are varied and beautiful. Our bulbs are from the same source as our seed and are superior. Single flowered sorts, *Red, Crimson, Scarlet, Rose, Pink, White, Yellow, Gold and Bronze, Striped and Flaked.* 10 cents each; \$1.00 per dozen; \$7.00 per hundred.

—**Single Flowered.** Mixed colors, 6 cents each; 50 cents per dozen, \$3.50 per 100.

—**Double Flowered Sorts.** Same color as the single kind. 15 cts. ea.; \$1.50 doz.

—**Double Flowered Mixed.** 12 cents each; \$1.25 per dozen.

BESSERA ELEGANS (Coral Drop). Bright scarlet flowers, borne on stems about two feet high. Will bloom from shortly after planting until frost. 5 cents each; 50 cents per dozen.

CALADIUM ESCULENTUM. Beautiful ornamental foliage plant. The leaves are of immense size, light green with darker veins. Will grow in any good garden soil, to a height of five feet. Dry bulbs according to size, 10, 15 and 20 cents each; \$1.00 to \$2.00 per dozen. Growing plants from pots, 20 and 25 cents each; \$2.00 to \$3.00 per dozen. Special Offer No. 3 only applies to Caladiums.

CALLA LILIES. White. 20 cents each; \$2.00 per dozen.

—**Little Gem.** 20 cents each; \$2.00 per dozen.

CINNAMON VINE. Hardy climber, shining green foliage, fragrant white flowers. 5 cents each; 50 cents per dozen.

CRINUM. Amaryllis like bulbous plants, suitable for pot or open ground culture.

—**Capense.** Bright Rose. 25 cents each.

—**Kirkii.** Large white, purple-striped flower borne on dark purple-colored stems, two feet high. 40 cents each.

—**Ornatum.** Delicate blush with a pink stripe through the centre. Very fragrant. 35 cents each.

CYCLAMEN. Suitable for pot culture only. Plant the bulbs in a light rich soil, and water sparingly till started.

—**Persicum giganteum.** Mixed colors or white and shades of red. 25 cents each; \$2.50 per dozen. Started plants in pots 50 cents to \$1.00 each.

CYCLOBOTHR FLAVIA. This golden gem is of great beauty and easily grown; the habit of plant and bloom is similar to Bessera; the color is clear golden-yellow, with intense black spots on each petal. 8 cts. each; 80 cts. doz.

CACTUS. These plants require absolutely no care. They grow for months in the house or garden without watering, and increase in value yearly. Their flowers are of exquisite beauty and fragrance, and their curious forms render them exceedingly interesting. In winter they require scarcely any water.

We send by mail ten fine plants of blooming size, each one distinct and named, for \$1.00, or five for 50 cents.

CHRYSANTHEMUMS. Hardy Pompon. Suitable for garden cultivation. The flowers are smaller than the popular Japanese sorts, but the form is perfect and the range of color much greater than hitherto obtainable: *Flag of Truce, Gold Finch, Fred Peele, Eagle d'Or, President, Marconi, Ivanhoe, Rhoda, Blushing Bride, Santiago, Prosperity, Fairy Queen,*

20 cts. each; \$2.00 per dozen.

See Special Offers on third page of cover.

ACHIMENES. Free flowering plants of easy cultivation. The bulbs

should be potted early in a mixture of loam and leaf mould. Keep

warm and water carefully. Assorted colors, 5 cents each; 50 cts. doz.

AGAPANTHUS. African Lily. These are fine for tubs, pots, etc.

—**Umbellatus, Lily of the Nile.** Blue, 35 cents each.

—**Umbellatus albus.** White, 35 cents each.

AMARYLLIS. Lovely lily-like plants that produce flowers in almost every shade of color, ranging from pure white to deep crimson.

—**Atamasco.** Pink and white. Showy for borders. 15 cents each; \$1.50 per dozen.

—**Belladonna major.** Rosy pink, fragrant, 25 cents each.

—**Crispa.** Deep pink. 25 cents each.

—**Defiance.** Carmine with white stripes. 60 cents each.

—**Equestre.** The flowers measure five or more inches across, and are bright, sparkling orange-red, with a green and white star at the centre. 20 cents each; \$2.25 per dozen.

—**Formosissima (Jacobean Lily).** Blooms freely out of doors; flowers deep velvety crimson. 15 cents each; \$1.75 dozen.

—**Hippeastrum Hybrids.** A very fine new race of Amaryllis, being superior in size, form and colorings to previous introductions. \$1.00 each; \$10.00 per dozen.

—**Johnsonii.** Large crimson and white flowers. 40 cts. ea.; \$4.00 doz.

—**Lutea (Sternbergia).** Showy yellow, autumn flowering variety. 15 cents each; \$1.50 per dozen.

—**Vallotta purpurea.** Crimson-scarlet flowers, borne in clusters of five or six on a long stem. A fine sort for pot culture. 50 cents each; \$4.00 per dozen.

—**Vittata.** Red and white grounds, beautifully peaked with many tints. 50 cents each.

HALLI (The Hardy Amaryllis). Produces in early summer strong stems about eighteen inches long on which are borne large clusters of beautiful rose-colored flowers. The bulbs are perfectly hardy, and when planted in the border require no protection during winter. 50 cents each; extra strong bulbs, \$1.00 each.



Caladium.

CHRYSANTHEMUMS—Continued.

CHRYSANTHEMUMS. This list is the cream of the large flowering chrysanthemums. The stock we offer is raised by one of the most successful growers in the country and is free from disease. If what you want is not included in the sorts here named, send us your list. We can furnish every desirable variety.

WHITES, Early.—*Polly Rose, Bergeman, Ivory, Willow Brook.* Medium Season.—*Timothy Eaton, White Bonaffon, Western King, Mirza.* Late.—*Yanoma, Merry Christmas, Mrs. Jerome Jones.*

YELLOWs, Early.—*Robert Halliday, Harry Hurreld.* Medium Season.—*Pennsylvania, Major Bonaffon.* Late.—*H. W. Reiman, W. H. Lincoln.*

PINK, Early.—*Glory Pacific, Pink Ivory.* Medium Season.—*Mrs. Perrin, Francis B. Hayes.* Late.—*S. T. Murdock, Maud Dean.*

RED, Early.—*Mons. B. Gerond.* Medium.—*John Shrimpton.* Late.—*Cullingfordii, BRONZE, Kate Broomhead.* 15 cts. each; \$1.50 per doz.

CARNATIONS. For blooming in the garden we can furnish three colors that will flower if set out after the middle of May, from July until frost.

—*Scarlet, Crimson, White.* Extra strong plants from pots. 25 cts. each; \$2.50 per doz.

—*Mound Pinks.* These old favorites, if given enough room, form a pretty mound of bluish-green foliage and produce freely beautiful, blush-pink, fragrant flowers. 20 cts. each; \$2.00 per doz.

—*Margaret.* This is the new class that blooms from seed in about four months. About 90 per cent of the flowers are double. All very sweet scented and they embrace a great variety of delicate shades. They are exceedingly useful for cutting. Strong plants, 15 cts. each; \$1.50 per doz.

FLOWERING CANNAS.

The Cannas here offered are all started plants, not dry bulbs — that will come into bloom shortly after being set out.

ITALIAN, OR ORCHID-FLOWERED VARIETIES.

Austria. 4 ft.; flowers, pure yellow; foliage, banana-like in color and form.

Alemannia. 5 ft.; outer petals, scarlet with broad yellow border; inside, shading to dark red.

America. 5 ft.; flowers, reddish-purple; foliage, dark red.

Africa. 5 ft.; purple-scarlet, yellow inside; bronze foliage.

Burbank. 4 ft.; yellow, very fine.

Edouard Andre. 5 ft.; fiery red with orange-yellow spots, spikes very large.

Italia. 5 ft.; yellow, blotched with orange scarlet and bordered yellow; foliage, light green with dark veins.

La France. 5 ft.; brilliant orange-scarlet; foliage, dark and shining.

Mrs. Kate Gray. 5 ft.; orange-scarlet, flaked with yellow; extra large. 30 cts. each; \$3.00 per doz.

Partenope. 6 ft.; dark orange-yellow; foliage bright green.

CROZY'S LARGE FLOWERING.

Alphonse Bouvier. 5 ft.; crimson-scarlet, foliage dark green.

Alsace. 4 ft.; creamy white. The best white yet produced, effective.

Admiral Courbet. 4 ft.; yellow, speckled with orange-scarlet; green foliage.

Antoine Crozy. 4 ft.; rich carmine; foliage green.

Chicago. 4 ft.; vermillion. Very large and effective flowers.

Charles Henderson. 3½ ft.; deep crimson; green foliage.

Duke of Marlborough. 4 ft.; deep crimson-maroon; green foliage.

Egandale. 4 ft.; bright red; foliage, purple.

E. G. Hill. 4 ft.; scarlet, veined with carmine; green foliage.

Florence Vaughan. 3½ ft.; golden-yellow, spotted bright red; deep green foliage.

F. R. Pierson. 3½ ft.; bright scarlet; green foliage.

Geoffry St. Hilaire. 5 ft.; flowers, glowing orange; foliage, chocolate.

Gold Coin. 3 ft.; bright lemon-yellow, spotted with light orange; foliage, deep green. The flower spikes are large and borne well above the foliage.

Gustav Sennholz. 3½ ft.; flowers, silvery rose, mottled with salmon; foliage, deep green.

Jules Chretien. 4 ft.; flowers, bright red, very large; foliage, deep green.

Madame Crozy. 3½ ft.; flowers, crimson-scarlet, bordered with yellow; foliage, deep green.

Martha Washington. 3 ft.; flowers, pure bright rose; foliage, green. 25 cts. each; \$2.50 per doz.

President Cleveland. In many respects the best variety yet introduced. 3½ ft.; flowers, a peculiar bright red, and very massive; foliage, deep green.

Philadelphia. 3 ft.; flowers, intense scarlet; foliage, green. 25 cts. each; \$2.50 per doz.

President Carnot. 4 ft.; flowers, orange-scarlet; foliage, chocolate-maroon. 20 cts. each; \$2.00 per doz.

Queen Charlotte. 4 ft.; flowers, blood red, banded with bright canary-yellow; foliage, bluish-green.

Robert Christie. 4 ft.; flowers, orange-scarlet; foliage, green. 25 cts. each; \$2.50 per doz.

Souv. d'Antoine Crozy. 3 ft.; flowers, intense scarlet-crimson with a broad, rich golden yellow edge; foliage, deep green.

Sunbeams. 3 ft.; flowers, golden-yellow; foliage, green. 20 cts. each; \$2.00 per doz.

Vesuvius. 4½ ft.; flowers, crimson-scarlet; foliage, dark green.

Victor Hugo. 4 ft.; flowers, scarlet; foliage, quite dark.

Price 15 cts. each; \$1.00 per doz., except as noted. Cannas are not subject to any of our Special Offers.

**Cannas.**

DAHLIAS.

The increasing demand for these beautiful fall blooming plants has stimulated growers to produce improvement in size, form and colors. We offer the following named sorts, which embrace some of the old standard varieties as well as the newer approved kinds. Planting should not be made until danger of frost is past in May. The bulbs should be lifted as soon as foliage is injured by first frost in fall, dried, packed in sand and stored during winter in a warm place.

SHOW DAHLIAS.

Saragossa. Large bluish pink.
Dr. J. C. Kellar. Large, crimson-maroon.
Prosperio. Large, maroon blotched, white.
Harry. Medium, white tipped, pinkish lilac.
Penelope. Medium, white tinged pinkish violet.
Lottie Eckford. Medium, white, pink and violet blotched.
Arabella. Medium, light straw-tinged blush.
Mrs. John Laing. Large, white.
Bredowillard. Medium, yellow.
Guinea. Large, crimson.
Spitfire. Medium, scarlet.
Souvenir de Madame Moreau. Large, dark pink.

POMPON DAHLIAS.

Sappho. Maroon, tipped white.
Snowclad. White.
Jessie McMillan. Amber and white blotched.
Chas. Hyatt. Scarlet.

Golden Gem. Light yellow.
Little Gyp. Violet.

SINGLE DAHLIAS.

Annie Bartlett. Crimson, purplish foliage.
Victor. Yellow.
Phæbe Gilbert. Pink.
White Queen. White.
Defiance. Scarlet.
President McKinley. Yellow, scarlet striped.

CACTUS DAHLIAS.

Oban. Large, crushed strawberry.
Maid of Kent. Large, crimson tipped, white.
Grand Duke Alexis. Quilled, large, white, tinged violet.
Perle de la Tete d'Or. Large, white, fringed petals.
Austin Connell. Large, rosy-crimson.
Fern Leaved Beauty. Medium, scarlet and white striped.

Named sorts, 15 cts. each; \$1.50 per dozen.

Gloxinia Bulbs.

Our stock of these is very choice. The bulbs should be potted in the spring in light, sandy loam, and they will commence growing and blooming at once. In the fall, dry them and store in a warm place through winter. Strong flowering bulbs, mixed colors, per bulb, 15 cts.; \$1.75 per doz.



Gladiolus Lemoinei.

GLADIOLI.

To keep up a continuous bloom from June until frost, plantings should be made every two weeks. Plant six inches apart in rows, four inches deep. After frost lift and cut off near the bulb, and store in any dry place where the frost will not reach them.

BRECK'S BOSTON PRIZE STRAIN. The finest mixture procurable, representing almost every shade known in Gladioli, from purest white, yellow, pink, purple, etc. The bulbs are first size and will give satisfaction. 35 cts. doz.; \$2.25 per 100.

Same selection, but smaller bulbs. 25 cts. doz.; \$1.75 per 100.

GROFF'S HYBRIDS. A new strain, largely hybrids of *Nancieanus Lemoinei* and *Childsii*. Very vigorous growth, largest size blooms, nearly all scarlet shades. 40 cts. doz.; \$2.50 per 100.

Childsii. Originated by Mr. Lemoine. A perfectly distinct class, with large, open flowers, of rich, orchid-like colorings. Choicest mixture, 40 cts. doz.; \$2.75 per 100.

Lemoinei. Richly blended shades of yellow, red, brown, blue, green, etc. They are early, fairly hardy and should be generally grown, 25 cts. doz.; \$2.00 per 100.

TWELVE FINE NAMED GLADIOLI.

African. Blackish-crimson, large and fine.
Addison. Dark amaranth, striped white.
Augusta. Nearly pure white. The best white variety.
Bertha. Orange-scarlet. A new shade in Gladioli.
Duchess of Edinburgh. Deep rose, with carmine stripes.
Eugene Scribe. Delicate rose, suffused and striped with carmine.

Grand Rouge. Flaming scarlet.
Isaac Buchanan. The best clear yellow.
Mabel. Rich, showy vermilion.
Octoroon. Distinct salmon pink.
Snow White. Grand pure white.
Shakespeare. White, suffused with carmine. Very large. 10 cts. each; the 12 for \$1.00.

UNNAMED GLADIOLI, SEPARATE COLORS.

Scarlet Shades. 20 cts. doz.; \$1.50 per 100.

Crimson Shades. 20 cts. doz.; \$1.50 per 100.

Pink Shades. 35 cts. doz.; \$2.75 per 100.

Yellow Shades. 40 cts. doz.; \$3.00 per 100.

Striped and Variegated. 30 cts. doz.; \$3.00 per 100.

Blue Shades. 20 cts. each; \$2.00 per doz.

The seeds I purchase from your firm always give me good satisfaction and I shall recommend them to my friends.

Yours truly,
JOHN RAFFERTY,
 Gardener to Dr. Channing,
 Brookline, Mass.

All seeds purchased of you last season gave the utmost satisfaction. We have had the greatest success with your Lawn Grass seed.

Yours very truly,
GEO. H. CRAIGS,
 No. Easton, Mass.

**Lilium Auratum.**

IRIS GERMANICA. The German Iris bloom earlier than the Kämpferi. They embrace many charming combinations of colors, and are very fragrant. Choice named varieties, \$1.50 per doz. Fine mixture, \$1.00 per doz.

Kämpferi. See *Herbaceous Plants*.

LILIES. Lilium Auratum. Golden Banded Lily of Japan. Immense white flowers, each petal marked with a wide gold band and spotted with maroon. Each, 20 cts.; per doz., \$2.00.

—**Lancifolium Rubrum.** White with rich crimson spots. Each, 15 cts.; per doz., \$1.50.

—**Roseum.** White stained and spotted rose. Each, 15 cts.; per doz., \$1.50.

—**Melpomene.** White, suffused with darkest crimson. Each, 20 cts.; per doz., \$2.00.

—**Album.** Large, pure white flowers. Each, 20 cts.; per doz., \$2.00.

MILLA Biflora. Beautiful white, waxy flowers with pale lemon anthers. Deliciously fragrant. Plant outdoors in May and take up bulbs in fall like Gladioli. Each, 5 cts.; per doz., 50 cts.; per 100, \$3.75.

MADEIRA VINE. A beautiful, rapid-growing climber, bearing in profusion very fragrant white flowers. Each, 5 cts.; per doz., 50 cts.

MONTBRETIA Crocosmiæflora. Very large flowers of fine shape. Base of flowers is bright orange, sprinkled with purple spots, arranged like Tigridia. Each, 3 cts.; per doz., 30 cts.

—**Germanica.** A decided acquisition; grows 3 feet high, and of sturdy branching habit. The flowers measure 3 inches across; color glowing scarlet shaded with orange, the reverse side being blood red. Each, 20 cts.; per doz., \$2.00.

SMILAX. A beautiful climber for greenhouse or window culture. Plants from two and a half inch pots. 15 cts. each; \$1.00 per doz.

TIGRIDIA (Shell Flower). Beautiful large, shell-like flowers, produced from July until frost. They require similar treatment to the dahlia.

—**Conchiflora.** Orange and crimson spots. 5 cts. each; 50 cts. per doz.

—**Grandiflora Alba.** White flowers spotted with maroon and rose. 5 cts. each; 50 cts. per doz.

—**Crimson.** 5 cts. each; 50 cts. per doz.

—**Pavonia.** Red with crimson spots. 5 cts. each; 50 cts. per doz.

TUBEROSES. These are universal favorites and very easily grown. Before potting, remove the small offsets. Use rich loam and start in hot bed or in house. Do not set out until all danger from frost is past.

—**Excelsior Double Pearl.** 5 cts. each; 25 cts. per doz.; \$1.75 per 100.

—**Tall, Double.** 5 cts. each; 25 cts. per doz.; \$1.75 per hundred.

SUMMER BEDDING PLANTS, FLOWERING AND FOLIAGE.

	Doz.	100
Abutilon. In variety.....	\$1.00	\$8.00
Achyranthes Collinsii.....	.75	6.00
Ageratum. Best dwarf, blue.....	.75	5.00
Alternanthera. Dwarf.....	.75	5.00
Alyssum. Double, white.....	.75	6.00
—Variegated foliage.....	.75	6.00
Asters. Pure white.....	.50	3.50
—Assorted colors.....	.50	3.50
Begonias. Choice varieties.....	1.50	10.00
Caladium Esculentum.	2.00	15.00
Cannas. See complete list.		
Calendula. Deep yellow.....	.60	4.00
Carnation, Margaret Assorted.....	1.50	10.00
Centaurea Candidissima.	1.00	7.00
Gymnocarpa Silvery foliage.....	.75	6.00
Cobæa Scandens.	1.25	9.00
Coleus. Fine varieties.....	.60	5.00
—new varieties, extra.....	1.00	8.00
Feverfew. Double white, free-flowering..	.75	6.00
—golden (golden fea.) yellow.....	.60	4.00
Fuchsias. Various fine sorts, small pl's..	1.25	10.00
Geranium. Double, red, rose, white.....	1.00	8.00
—Single, scarlet, white, red.....	1.00	8.00
—bronze-leaved.....	1.00	8.00
—silver-leaved.....	1.50	10.00
Heliotropes	1.00	8.00
Hollyhocks. Choice strain.....	2.50	18.00

	Doz.	100
Lantanas. Choice varieties.....	\$1.00	\$8.00
Lobelias. Various sorts.....	.50	4.00
Lemon Verbenas	1.50	10.00
Marigold. French and African.....	.60	4.00
Nasturtium. Tall, for trellises, etc.....	.60	4.00
—dwarf, for beds or borders.....	.60	4.00
Pansies. Extra large flowered.....	.40	4.00
—choice fancy, assorted colors.....	.75	6.00
Petunia. Double, choice varieties.....	1.25	8.00
—single, dwarf or tall.....	.75	6.00
Phlox. All colors.....	.60	4.00
Ricinus. In variety.....	1.00	8.00
Salvia. Scarlet for beds, etc.....	1.00	7.00
Stocks. Double, ten weeks.....	1.00	7.00
Verbenas. Assorted colors, extra.....	.50	4.00
Vincas. Red and white.....	1.25	9.00
Zinnias. Assorted colors.....	.60	4.00

Other Varieties can be furnished at Lowest Prices.

The seeds and bulbs I have had from your house are at least as good as any on the market and I have recommended many of my friends to buy of you.

DAVID WEIR,

Supt., Faulkner Farm,
Brookline, Mass.

Special Offer No. 3 only applies on Bedding Plants.

WATER LILIES AND AQUATIC PLANTS.

These are all equally as hardy as our native Pond Lily and may be planted as soon as vegetation commences in spring and any time during the season until the end of August.

- James Brydon** (new). Color, rich rosy crimson. Distinct and superb variety of American origin, exhibited at Boston in 1899 and was awarded the Mass. Horticultural Society Silver Medal. Price, \$15.00 ea.
- Wm. Doogue** (new). A magnificent lily of chaste and delicate coloring, large and symmetrical flower of a pleasing shell pink color. Price, \$3.00 each.
- Alba**. The hardy white English pond lily. 50 cts. each.
- Candidissima**. An improved form of N. Alba. 50 cts. each.
- Gladstoniana**. A giant among water lilies, white 75 cts. each.
- Laydekeri rosea**. A gem of the first water. French origin, flowers, delicate rosy pink, deepening to dark rose and carmine. \$2.50 each.
- Lilacea**. Soft lilac rose, shaded carmine. \$1.50 each.
- Purpurea**. Rosy crimson, dark centre. \$1.50 ea.
- Marliacea Albida**. Splendid white. 75 cts. each.
- Carnea**. Delicate pink. 75 cts. each.
- Chromatella**. Large, clear yellow. 50 cts. each.
- Rosea**. Large, rosy pink. \$1.25 each.

These have become a permanent class of decorative plants and as indispensable as hardy perennials. The ease with which they are cultivated and the certainty of grand results the first season after planting and the continuous display until the close of the season place them foremost on the list of flowering plants. The magnificent flowers—of large dimensions—embracing all shades of color, are delicately fragrant. Some varieties open their flowers during the day, others at night; they are most interesting, fascinating and popular.

To obtain best results they should be planted in ponds, natural or artificial; in the latter they are best grown in large boxes as they require plenty of rich soil and ample space for leafage. Where space is limited very satisfactory results may be obtained by using tubs, planting the moderate growers such as *Nymphæa odorata* and its varieties, *N. Laydekeri* and varieties.

Hardy Nymphæas.

The Marliacea varieties are the strongest growers, the most free and continuous flowering and sweet scented of the hardy water lilies.

- Odorata**. Our native white pond lily. 20 cts. each.
- Gigantea**. The Southern white pond lily. 20 cts. ea.
- Luciana**. Flowers, pure rose pink. \$1.50 each.
- Sulphurea**. Large yellow fragrant flowers. 50 cts. each.
- Minor**. Small white pond lily. 20 cts. each.
- Rosea**. Cape Cod pink pond lily. 50 cts. each.
- Pygmea**. The Chinese miniature white water lily. 30 cts. each.
- Helvola**. Small sulphur yellow flowers, very free flowering. 30 cts. each.
- Robinsoni**. Flowers, yellow, overlaid with purplish-red, general effect orange red. \$1.50 each.
- Tuberosa**. The large Western white pond lily. 20 cts. ea.
- Richardsoni**. A superb double form of N. tuberosa, very choice. 50 cts. each.
- Rosea**. A pink form of the same. 75 cts. each.
- Maxima**. Massive white cup shaped flower, very fragrant. 25 cts. each.

Hardy Nelumbiums, or Lotus.

These are noble aquatic plants, perfectly hardy when established, producing gigantic foliage standing from 3 to 6 ft. above the water, the flowers standing above the foliage and frequently a foot across. Tubers should not be planted before warm, settled weather. In Northern sections, where season is retarded, it is best to set out established plants.

- Speciosum, Egyptian or Sacred Lotus**. 75 cts. each.
- Album striatum**. Large white, striped and tipped rosy carmine. \$1.50 each.
- Kermesinum**. Bright rosy pink, early. \$1.50 each.
- Kinshiren**. White, shaded and veined pink. \$1.50 each.
- Luteum**. American yellow lotus. 75 cts. each.
- Shiroman**. Double white flowers of enormous size, superb. \$3.50 each.
- Perkinensis rubrum plenum** (new). Flowers, brilliant rosy carmine. The deepest color among Nelumbiums; flowers perfectly double. \$3.50 each.

Plants established in pans can be supplied in June at an advance of 25 per cent on above prices, which are for tubers.

Miscellaneous Aquatic Plants.

- Eichhornia azurea**. (Blue water hyacinth.) 25 cts. each.
- Crassipes major**. (Water hyacinth.) 15 cts. each.
- Lymanthemum Indicum**. (Water snowflake.) Beautiful white fringed flowers, fragrant. 20 cts. each.
- Limncharis Humboldt**. (Water poppy.) Large yellow poppy-like flowers. 15 cts. each.
- Myriophyllum Proserpinacoides**. (Parrot's feather.) Beautiful trailing plant, light green feathery. 10 cts. each.
- Pistia stratiotes**. (Water lettuce.) Rosettes of wedge-shaped leaves, pea green. 15 cts. each.
- Papyrus antiquorum**. Egyptian paper plant. 25 cts. each.

See Special Offers on third page of cover.

NURSERY DEPARTMENT.

Our connection with the oldest and largest Nursery in New England places us in a position to supply home grown stock of satisfactory quality promptly and at reasonable prices.

We emphasize the fact that all our **Fruit Trees, Shade and Ornamental Trees, Evergreen and Flowering Shrubs, Vines and Herbaceous Plants** are New England grown, consequently of sturdy constitution, well rooted, hardy and much more likely to give satisfaction to planters than the large plants of softer and unripened growth that are easily produced in considerable quantities under the milder climatic conditions of the South, and generally offered by Nurserymen and Dealers.

We shall be glad to advise intending buyers as to selection, and also furnish plans and estimates for laying out and planting ornamental grounds. See particulars of Landscape Department in colored pages.

While we exercise the greatest care to have all Nursery stock pure and reliable, we sell no Trees, Plants, Shrubs or other Nursery stock with warranty, express or implied, in any respect. If the purchaser does not accept these goods on these terms, they must be returned at once, and the money that has been paid for them will be refunded.

Roses.

The list of varieties is revised, and contains nothing but the really most desirable and distinct kinds.

PLANTING. If possible select a position sheltered from high winds, but open to sunshine. If the soil is not naturally suitable improve it by the addition of rich loam and decomposed cow or stable manure, well worked in; where stiff and heavy good drainage and rough stable manure are the essentials.

When planting, carefully prune all dead or bruised roots or branches, spread the root fibres as much as possible, and set deep enough to cover the junction of the bud and stock, thereby preventing suckers, and enabling the rose to make roots.

During the growing season, frequent waterings with liquid manure are an advantage. It is easily made by mixing cow manure with water in an old tub or barrel.

Hybrid Perpetual Roses should be pruned in April, when the sap begins to flow. Crimson and other Rambler Roses are best pruned as soon as flowering is past.

Extra Strong Plants, 50 cts. each; \$4.00 per dozen. Strong Plants, 30 cts. each; \$3.00 per dozen.

Hybrid Perpetual Roses.

Alfred Colomb. Bright fiery red, large.
American Beauty. Bright rose carmine.
Augustine Guinoisseau. White, tinted flesh.
Baron de Bonstettin. Intensely rich plum.
Baroness de Rothschild. Palest flesh.
Charles Lefebvre. Brilliant velvety crimson.
Clio. Flesh, shaded with rosy pink.
Duchess of Albany. Deep pink, form of *La France*.
Fair Helen. Blush pink in bud, pure white when expanded.
Fisher Holmes. Crimson, shaded with violet.
General Jacqueminot. Scarlet crimson.
Gustave Piganeat. Brilliant carmine lake.
John Hopper. Brilliant rosy crimson.
La France. Lilac rose, centre silvery white.
La Rosiere. Velvety crimson.
Madame Caroline Testout. A deeper colored *La France*.

Madame G. Desse. A striped *Paul Neron*.
Madame Gabriel Luizet. Fine satin rose.
Magna Charta. Pink, suffused with carmine.
Margaret Dickson. White, centre petals pale flesh.
Mrs. John Laing. Soft pink.
Mrs. R. G. Sharman Crawford. Deep rosy pink, shaded pale flesh.
Oskar Cordel. Bright carmine.
Paul Neron. Cerise rose.
Ulrich Brunner. Cerise red.

Climbing Roses.

Crimson Rambler. Crimson, famous.
Pink Rambler (Psyche). Bright rose, a fitting companion to the famous *Crimson Rambler*. Each 75 cts.; \$8.00 doz.
Yellow Rambler (Agatia). Small bright yellow flowers in large clusters.
White Rambler (Thalia). White, large umbels.
Dawson. Pink, semi-double, fragrant.
Blairii No. 2. Rosy bluish, one of the best.
Baltimore Belle. Blush, changing to white.
Gloire de Dijon. Buff, orange centre, tea scented.

50 cts. each; \$4.00 per doz., except as noted.

Austrian Roses (Yellow).

Harrisonii. Fine golden yellow. **50 cents each.**
Persian Yellow. Deepest yellow. **50 cents each.**
Soleil d'Or. A perpetual flowering yellow rose, perfectly hardy; the shades are golden yellow and orange; the flowers average 3 inches over, and are very full. **75 cts each.**



Crimson Rambler.

See Special Offers on third page of cover.

ROSES—Continued.**Moss Roses.**

Crested Moss. Rose. *Little Gem.* Crimson. *Reine Blanche.* White. 50 cents each.

Tea, or Everblooming Roses.

For the home and greenhouse cultivation these are unsurpassed. They bloom all season outdoors and will come safely through an ordinary winter if laid down in the month of November and covered with about 9 inches of soil.

Bride. White.

Bridesmaid. Brilliant pink.

Catherine Mermet. Silvery pink.

Kaiserin Augusta Victoria. White.

Niphetos. White, tinged lemon.

Perle des Jardins. Golden yellow.

Small Plants, 15 cts. each; \$1.50 per doz. Large Plants, 30 cts. each; \$3.00 per doz.

Miscellaneous Roses.

Beautiful in foliage, bud, full flower and fruit, planted in clumps, they are attractive throughout the entire year.

Rugosa alba. White, single.

— *Rubra.* Crimson, single.

— *Blanc.* White, double.

— *Mme. C. Worth.* Carmine, double.

50 cts. each; \$4.00 per doz.

Sweet Briar. Fragrant foliage and pink flowers. 50 cents each.

Grandiflora. Beautiful cut foliage, flowers white. 50 c. ea.

Low trailers suitable for covering banks, rockeries, etc.
Trailing, Wichuriana. Glossy green foliage, white flowers, single.

— *Manda's Triumph.* Pure white double.

— *Universal Favorite.* Bright pink double.

30 cts. each; \$3.00 per doz.

Carolina. (Wild Swamp Rose.) 25 cents each; \$2.00 per dozen.

HARDY HERBACEOUS PERENNIALS.

These plants grow in beauty, size and value year by year. They require less care than most desirable flowering plants, and are adapted for nearly every condition. The months named indicate the time of flowering of each.

Achillea, "The Pearl." Pure white, double. 2 ft., 15 cts. ea.; \$1.50 doz.

— *Tomentosa.* Yellow yarrow. 6 in., 20 cts. each; \$2.00 per doz.

Alyssum Saxatile Compactum. Beautiful yellow flowers in spring. 6 in., 20 cts. each; \$2.00 per doz.

Anemone Japonica Rosea. Dark pink flowers in August and September. 2 ft., 15 cts. each; \$1.50 per doz.

— *Alba.* Beautiful white. 2 ft., 15 cts. each; \$1.50 per doz.

Anthemis Tinctoria (Yellow Marguerite). Flowers May and June. 2-3 ft., 15 cts. each; \$1.50.

Anthericum Liliastrium Major (St. Bruno's Lily). White. June. 2½ ft., 20 cts. each; \$2.00 per doz.

Aquilegia Chrysantha. Rich yellow. July. 3 ft., 15 cts. ea.; \$1.50 doz.

— *Cerulea Hybrida.* Shades of blue, white, pink, yellow, etc. 2-3 ft., 20 cts. each; \$2.00 per doz.

— *Munstead White.* Creamy white. July. 2½ ft., 20 cts. ea.; \$1.75 doz.

Armeria Lauchiana (Sea Pink). Bright rose. May to frost. 9 in., 15 cts. each; \$1.50 per doz.

Aster Formosissima. Rosy-purple. Sept. 4 ft., 15 cts. each; \$1.50 doz.

— *Nova Angliæ.* Bluish-purple. September. 4 ft., 15 cts. each; \$1.50 per doz.

— *Nova Angliæ Rosea.* Pink New England Aster. 3 ft., 15 cts. each; \$1.50 per doz.

Boltonia Latisquamæ. Clear lilac. September. 4 ft., 15 cts. each; \$1.50 per doz.

Campanula Grandiflora (Platycodon). Very dark blue. Aug. to Sept. 2-3 ft., 20 cts. each; \$2.00 doz.

— *Persicifolia Grandiflora (Peach leaved Bell flower).* Porcelain blue. June to August. 2-3 ft., 25 cts. each; \$2.50 per doz.

— *Carpathica.* Clear blue. Summer. ¾ ft., 20 cts. each; \$2.00 per doz.

— *Alba.* Pure white form of above. 20 cts. each; \$2.00 per doz.

Centaurea Montana. Colors red, white, blue and pink. Summer. 1½ ft., 20 cts. each; \$2.00 per doz.

Coreopsis Grandiflora. Golden-yellow. Summer. 2 ft., 15 cts. each; \$1.50 per doz.

Delphinium Chinensis. Intense blue. Summer. 2 ft., 20 cts. each; \$2.00 per doz.

— *Formosum.* Blue, white centre. Summer. 3 ft., 20 cts. each; \$2.00 per doz.

— *Hybridum.* Various shades of blue. Summer. 2 ft., 25 cts. each; \$2.50 per doz.



Dianthus Plumarius (Scotch Pink). Fragrant pink flowers. June. 1 ft., 20 cts. each; \$2.00 per doz.

Dicentra Spectabilis (Bleeding Heart). Pink. Spring. 2 ft., 20 cts. each; \$2.00 per doz.

Dictamnus Fraxinella (Gas Plant). Purplish-pink. May-June. 2 ft., 25 cts. each; \$2.50 per doz.

— *Alba.* A white form of the preceding. 25 cts. each; \$2.50 per doz.

Erianthus Ravennæ. A pampas-like grass. 9 ft., 25 cts. each; \$2.50 per doz.

Eulalia Japonica Variegata. A stately grass with green and white leaves. 6 ft., 25 cts. each; \$2.50 doz.

Gypsophila Acutifolia. Flowers pink tinted. Larger and later than *Paniculata*. 4 ft., 15 cts. ea.; \$1.50 doz.

— *Paniculata.* Small white flowers in great profusion. Summer. 2 ft., 15 cts. each; \$1.50 per doz.

Helenium Autumnale Superbum. Bright yellow. August. 5 ft., 25 cts. each; \$2.50 per doz.

Helianthus Decapetalus. Bright yellow. Summer. 5 ft., 25 cts. each; \$2.50 per doz.

— *Giganteus.* Yellow flowers, long narrow foliage. 8-10 ft., 15 cts. each; \$1.50 per doz.

— *Mollis.* Yellow flowers, downy, silvery foliage. 3 ft., 15 cts. each; \$1.50 per doz.

See Special Offers on third page of cover.

HARDY HERBACEOUS PERENNIALS—Continued.

- Helianthus Multiflorus fl. pl.** (So called Hardy Dahlia). Double yellow. August to September. 3 ft., 15 cts. each; \$1.50 per doz.
- Heliopsis Pitcherii.** Golden-yellow. July to October. 6 ft., 20 cts. each; \$2.00 per doz.
- Hemerocallis Disticha Plena.** Double terra-cotta flowers. Summer. 3 ft., 30 cts. each; \$3.00 per doz.
- Dumortieri.** Orange. Summer. 2 ft., 30 cts. each; \$3.00 per doz.
- Graminifolia.** Yellow flowers. Grass-like foliage. Summer. 2 ft., 35 cts. each; \$3.50 per doz.
- Heuchera Sanguinea.** Bright red flowers. Handsome foliage. Summer. 1½ ft., 25 cts. ea.; \$2.50 doz.
- Alba.** Flowers white, otherwise same as above. 20 cts. each; \$2.00 per doz.
- Hibiscus Militaris.** Salmon-pink. 5 inches across. August to September. 2-3 ft., 20 cts. ea.; \$2.00 doz.
- Moscheutos, Crimson Eye.** White with crimson eye. August to September. 3-4 ft., 20 cts. each; \$2.00 per doz.
- Iberis Coræfolia** (Perennial Candytuft). Flowers, white, foliage evergreen. May-June. 6-12 inches, 20 cts. each; \$2.00 per dozen.
- Iris Germanica.** Named sorts. White, purple, marbled, etc. June. 2 ft., 15 cts. each; \$1.50 per doz.
- Kämpferi** (Japanese Iris). Named sorts. Beautiful colors. June to July. 2 ft., 35 cts. ea.; \$3.00 doz.
- Mixed, 15 cts. each; \$1.50 per doz.
- Pumila.** White, blue, yellow. June to July. 6 inches, 20 cts. each; \$2.00 per doz.
- Mixed. 15 cts. each; \$1.50 per doz.
- Lathyrus Latifolius** (Perennial Pea). Bright red. Summer. 5 ft., 25 cts. each; \$2.50 per doz.
- Albus.** White, otherwise like above. 30 cts. each; \$3.00 per doz.
- Liatris Pycnostacha.** Lavender-purple. Summer. 6 ft., 20 cts. each; \$2.00 per doz.
- Lupinus Polyphyllus.** Blue, pea-like flowers. 4 ft., 25 cts. each; \$2.50 per doz.
- Alba.** White, form of preceding. 25 cts. each; \$2.50 per doz.
- Lychnis Chalcedonica.** Brilliant scarlet. Summer. 2-3 ft., 20 cts. each; \$2.00 per doz.
- Diurna Rubra Plena.** Deep purplish-red. Summer. 2-3 ft., 35 cts. each; \$3.50 per doz.

- Lychnis Flos-cuculi Semperflorens.** Delicate rose. Summer. 1½ ft., 25 cts. each; \$2.50 per doz.
- Lathyrum Roseum Superbum.** Rosy-red. Summer. 2-3 ft., 20 cts. each; \$2.00 per doz.
- Monarda Didyma.** Brilliant scarlet. Foliage sweet-scented. Summer. 2-3 ft., 15 cts. each; \$1.50 per doz.
- Myosotis Palustris Semperflorens** (Forget-me-not). Light blue. Summer. 15 cts. each; \$1.50 per doz.
- Oenothera Youngii.** Clear yellow. 2 inches in diameter. June to August. 2 ft., 25 cts. ea.; \$2.50 doz.
- Papaver Orientale** (Oriental Poppy). Blush Queen. Pink with purple blotches. 2 ft., 35 cts. each; \$3.50 per doz.
- Royal Scarlet. Scarlet. Small blotches. 2 ft., 35 cts. each; \$3.50 per doz.
- Phlox Subulata** (Moss Pink). Various colors. May. 6 in., 10 cts. each; \$1.00 per doz.
- Suffruticosa.** In variety. Many colors. June to August. 1-2 ft., 25 cts. each; \$2.50 per doz.
- Decussata.** In variety. Many colors. Autumn blooming. 2-3 ft., 25 cts. each; \$2.50 per doz.
- Primula Acaulis Hybrida** (English Primrose). Shades of white. Yellow and red. Spring. 1 ft., 25 cts. each; \$2.00 per doz.
- Elatior** (English Cowslip). Shades of white, yellow, red and brown. 1½ ft., 15 cts. each; \$1.50 per doz.
- Pyrethrum Roseum Hybridum.** Colors range white to dark crimson. Summer. 2 ft., 25 cts. ea.; \$2.50 doz.
- Uliginosum.** Pure white. September. 4 ft., 25 cts. each; \$2.50 per doz.
- Rudbeckia, Golden Glow.** Double golden-yellow. August to September. 5 ft., 15 cts. ea.; \$1.50 doz.
- Sub-tomentosa.** Lemon flowers with black centres. Autumn. 6 ft., 15 cts. each \$1.50 per doz.
- Scabiosa Caucasica.** Lilac-blue. Summer. 2 ft., 25 cts. each; \$2.50 per doz.
- Spiræa Palmata.** Crimson flower. Palm-like foliage. Summer. 3 ft., 20 cts. each; \$2.00 per doz.
- Filipendula Plena.** Fern-like foliage, creamy-white flowers. 2 ft., 15 cts. each; \$1.50 per doz.
- Veronica Longifolia Subsessilis.** Blue flowers. August to September. 3 ft., 25 cts. ea.; \$2.50 per doz.
- Yucca Filamentosa** (Adam's Needle). Early growth, drooping white flowers. 6 ft., 25 cts. ea.; \$2.00 doz.

The prices attached are very low for strong plants, but we will furnish one plant each of the eighty kinds named for \$12.50 Net.

Pæonies.

These are peers of the rose in color and fragrance, besides being larger in size and more floriferous. They should be in every garden. When once established they require but little care and improve in size and quality year by year. They prefer a rich, well drained, sunny situation, where they can be well supplied with water during the early summer.

Double White. Double Crimson. Double Scarlet. Double Pink.
50 cts. each; \$5.00 per dozen.

Double mixed, our selection, 25 cts. each; \$2.75 per dozen.

Single mixed, exceedingly beautiful, both in flower and foliage.

The shades of color embraced are many and delicate, while the form and fragrance is delightful. 50 cts. each; \$5.00 per dozen.

Clematis.

Elegant, hardy free-flowering climbers.

Paniculata. The beautiful autumn flowering, hardy, fragrant white Clematis, now so popular. Plants 25 cts. to \$1.00 ea.; \$3.00 to \$10.00 doz.

Miss Bateman. White; chocolate-red anthers. 50 cts. to \$1.00 each.

Flammula. (European Sweet Clematis.) Flowers small, white and very fragrant, 25 cts. each.

Gem. Deep lavender, 7 inches in diameter. 75 cts. each.

See Special Offers on third page of cover.



Pæonies.

CLEMATIS—Continued.

Henryi. Immense, single, creamy white flowers. 75c. each.
Imperatrice Eugenie. Large, beautiful, pure white flowers. \$1.00 each.
Jackmanni. Large intense violet-purple flowers. 50 to 75 cts. each.

Lawsoniana. Large, rosy-purple, darker veins. 75 cts. each.
Mme. Edouard Andre. Bright crimson. \$1.00 each.
Virginiana. (Amer. White Clematis.) A profusion of white flowers in August. 15 cts. each.

HARDY CLIMBING PLANTS.

Actinidia Polygama. A strong, clean vine from Japan. 50 cts. each.
Akebia Quinata. Of rapid growth, with shining foliage and bluish clusters of fragrant flowers. 35 cts. each.
Amelopsis Englemanni. A variety of the Virginia Creeper, with bright foliage; fine color in the autumn; the tendrils enable it to support itself like *A. Veitchii*. 25 and 35 cents each.
—Quinquefolia. (*Virginia Creeper*.) Well known climber; very vigorous. 25 cts. each.

**Wistaria.**

Amelopsis Veitchii. (*Boston Ivy, Japanese Ivy*.) Well-known, particularly around Boston. It grows rapidly and clings to a wall or fence with the tenacity of ivy; the foliage is handsome in the summer, and changes to a crimson scarlet in autumn. For the ornamentation of brick or stone structures, it can be especially recommended. 25 cents each; \$2.50 per doz.

Aristolochia Sipho. (*Dutchman's Pipe*.) Rapid grower, magnificent foliage 10 to 12 inches across, and curious, piped shaped, yellowish-brown flowers. 50 cts. each; \$5.00 per doz.

Bignonia Radicans. (*Trumpet Vine*.) A quick growing vine, bearing large scarlet flowers, very brilliant. 35 cts. each.

Celastrus Scandens. (*Roxbury Wax Work*.) A vigorous vine with conspicuous orange-scarlet berries in autumn. 35 cts. each.

Euonymus Radicans. Var. Variegata. Retains its glossy green and bright foliage through the winter; nice plants, 35 cts. each.

Honeysuckle. Hall's Japan. Abundant, vigorous foliage retained until early winter, flower white and yellow, fragrant. 25 cts. each.

Honeysuckle, Scarlet. Strong, rapid grower, bright scarlet. 25 cts. each.

—Belgica. Dutch monthly, very sweet scented, red and buff. 35 cts. each.

—Chinese Twining. (*Lonicera Japonica*.) A well known vine, holding its foliage nearly all winter. Blooms in July and September. Sweetly scented. 50 cts. each; \$4.00 per doz.

Lycium Barbatum. (*Matrimony Vine*.) Useful for covering screens or ledges. A fast grower. 25 cts. each; \$2.75 per doz.

Wistaria Chinensis. One of the most elegant and rapid growing of all climbing plants, bearing long pendulous clusters of pale blue flowers in May and June. 50 cents each.

—Alba. White, otherwise similar to preceding. 75 cts. each.

**Dutchman's Pipe.****RHODODENDRONS.**

There are no evergreen shrubs more desirable than Rhododendrons. They are hardy, and grow to spread several feet in diameter, giving annually a large mass of showy flowers in many colors. The leaves remain green throughout the winter, making the plant attractive and showy. They do best in a partial shade, and when set, a good-sized hole should be dug and filled with leaf-mold from the woods, or pulverized muck. In fall, a mulch with leaves or stable manure will be found very beneficial.

\$1.50 to \$2.00 each; \$15.00 to \$18.00 per doz.

Album Elegans. Blush, changing to white; fine shape.

—Grandiflorum. White and blush; foliage fine.

—Bicolor. Rose-pink; fine in bloom and foliage.

Blandyanum. Rosy crimson; excellent foliage; fine form and very abundant bloomer.

Candidum. A good bush.

Everestianum. Rosy lilac; spotted and fringed; an excellent bloomer; fine foliage.

Grandiflorum. Deep rose colored.

Roseum Pictum. Yellow, spotted rose.

—Elegans. Rose-colored flowers; an old and general favorite.

—Superbum. Clear rose color.

Purpureum Elegans. Very fine purple.

—Grandiflorum. Of excellent habit; color same as above.

HARDY FLOWERING SHRUBS.

The month after each sort indicates the time of flowering.

Almond (*Prunus Jap. Rubra fl. pl.*) Double pink flowers. 50 cts. May.

— (*Prunus Jap. Alba fl. pl.*) Double white flowers, beautiful. 50 cts. May.

Althæa Purpurea Plena (*Rose of Sharon*). *Hibiscus*. 35 and 50 cts. October.

—Striata. Carnation striped. 35 and 50 cts.

Althæa. Double variegated. 35 and 50 cts.

— Double white. 35 and 50 cts.

Azaleas. Ghent Hybrids, perfectly hardy, and of many brilliant colors. Fine plants, \$1.00; large sizes, \$2.00 and \$2.50. June.

—Mollis. A new type flowering earlier than the *Ghent*, and in color and form approaching the Indian varieties. 75 cts. to \$1.00.

Barberry (*Berberis Thunbergii*). A low growing shrub of arching habit; the foliage changes to many brilliant colors in the fall. 50 cts. each. June.

—Purple leaved. 35 and 50 cts.

**Weigella.**

See Special Offers on third page of cover.

HARDY FLOWERING SHRUBS—Continued.

- Buttonbush** (*Cephalanthus Occidentalis*). Curious balls of blossoms all summer. 50 cts.
Catalpa Aurea. Golden foliage. 50 cts.
Calycanthus Floridus. Strawberry tree or sweet-scented shrub, dark flowers. 50 cts. each. June to September.
Chionanthus Virginicus (*Fringe Tree*). White. 50 cts. June.
Clethra Alnifolia. White, fragrant flowers, on spikes. 50 cts. July.
Cornus Florida (*Dogwood*). White. 50 cts. May.
 —**Rubra** (*Rose*). 50 cts. May.
 —**Sanguinea** (*Red Osier*). Bark deep red. 35 cts.
 —**Elegantissima**. Variegated foliage. The leaves are marked with silvery white. 50 cts.
Corchorus Japonica (*Kerria*). A small shrub with bright green leaves and clear yellow flowers. 25 and 50 cts. June and July.
Desmodium Penduliflorum (*Sweet Pea Shrub*). Red and violet pea-shaped flowers. 50 cts. Autumn.

Deutzia Gracilis. Compact, filled with starry white flowers. 35 and 50 cts. June.

—**Crenata fl. pl.** Flowers double white, tinged with rose. 35 and 50 cts. June.

—**Alba fl. pl.** With very double pure white flowers. 35 and 50 cts. June.

—**Pride of Rochester**. A decided improvement on the *Crenata*; profuse bloomer. 50 cts.

Elder, Golden (*Sambucus aurea*). Very effective for its bright yellow foliage. 15 and 35 cts.

Eleagnus Longipes. A new fruit-bearing ornamental shrub from Japan. A decided novelty. 75 cts. July.

Euonymus Atropurpureus (*Burning Bush*). Purple. 50 cts. June.

Exochorda Grandiflora. A choice shrub of strong, upright growth, producing a profusion of large snowy-white flowers in June. 50 and 75 cts. May.

Forsythia Suspensa. Trained as a standard, it becomes one of the most beautiful weeping shrubs, covered with bright golden-yellow blossoms, early in summer. Dwarfs, 35 and 50 cts. April.

Genista Tinctoria (*Dyer's Broom*). Covers the ground with a carpet of golden-yellow blossoms in June. 25 cts.

Hydrangea Paniculata Grandiflora. Flowers white in great pyramidal panicles, about a foot long. 50–75 cts. and \$1.00. August to October.

Kalmia Latifolia. A choice native evergreen shrub with shining foliage and dense clusters of pink or nearly white flowers. \$1.00 to \$1.50. June.

Lilac (*Syringa*). Bluish-purple flowers. 35 and 50 cts. May.

—(*S. Alba*). Pure white. 50 cts. May.

Lonicera Tartarica (*Bush Honeysuckle*). Pink, sweet-scented. 35 cts. May.

Mock Orange or Syringa (*Philadelphus*). Of compact habit, with creamy white flowers, deliciously fragrant. 35 and 50 cts. June.

Mahonia Aquifolia. A handsome shrub with shining prickly leaves, and showy, bright yellow flowers in May, followed by large clusters of purple berries. 35 cts. May.

Pyrus Japonica (*Cydonia*). Japan Quince, flowers bright scarlet, very showy. 25 and 50 cts. May.

Rhus Cotinus. The well-known smoke bush. 3 ft., 50 cts.; 5 ft., \$1.00. June.

—**Glabra Var. Laciniata** (*Cut-leaved Sumach*). The leaves are deeply cut like those of a *Sword Fern*, beautiful red in autumn. 75 cts.

Snowball (*Viburnum Plicatum*). A great improvement on the old-fashioned sort, with dark green foliage, and superb trusses of white flowers in midsummer. 50 and 75 cts. June.

Spiræa Aurea. Frequent pinching produces a deep golden-yellow color. 35 and 50 cts.

—**Anthony Waterer**. One foot high. Crimson. 50 cts. June to October.

—**Thunbergii**. Dwarf, flowers early, very pretty. 35 and 50 cts. April to May.

—**Van Houttei**. The most profuse flowering of all the *Spiræas*, the bush being a mass of white bloom. 35 and 50 cts. June.

Weigelia Rosea. Well known, very free flowering. 35 and 50 cts. May to June.

—**Variegata**. Fine variegated foliage, rosy-pink flowers. 50 cts. June.

—**Lutea**. Yellow. 50 cts.

EVERGREENS.

Arbor Vitæ (*Thuja Occidentalis*). Common American form. 2 ft., 25c.; 3 ft., 50c.

Biota Orientalis (*Eastern Cedar*). Close, pyramidal growth, deep green. 50 cts. and \$1.00.

Fir Balsam (*Abies Balsamea*). Erect, regular pyramidal tree, rapid grower, very hardy. 50 cts. to \$1.00.

—**Douglas**. Hardy and very ornamental. 3 to 4 ft., \$1.00 each.

—**Nordmann's**. Dark, rich green foliage, silvery underneath. 1½ ft., \$2.00 each; 3 ft., \$5.00 each.

Juniper Virginiana (*Red Cedar*). Native variety. 3 ft., 50 cts.; 5 ft., \$1.00.

—**Hibernica** (*Irish Juniper*). Of erect, tapering growth, beautiful and hardy. 75 cts. and \$1.00.

—**Sabina**. Trailing habit, fine for massing. 50 and 75 cts.

See Special Offers on third page of cover.



Deutzia Crenata.



White Spruce.

EVERGREENS—Continued.

- Pine, Swiss Stone** (*P. Cembra*). Short needles, compact growth, very attractive. 2 ft., \$1.00; 3 to 4 ft., \$2.50.
—Austrian. Stout growth, long needles, perfectly hardy in bleakest exposure. 1 ft., 35 cts.; 2 ft., 75 cts. each.
—White (*P. Strobus*). The most ornamental of all our native pines. 2 ft., 50 cts.; 5 to 6 ft., \$1.00 each.
Retinospora Plumosa. Very hardy, with plume-like foliage. 2 ft., 50 cts.; 3 to 4 ft., \$1.00.
—var. Aurea. Of bright golden color. 2 ft., \$1.00.
—Squarrosa. Graceful, drooping plume-like, glaucous green foliage. 75 cts. and \$1.00.
Spruce, White (*Picea Alba*). Very hardy native tree. 2 ft., 50 cts.; 3 ft., \$1.00.
—Colorado, Blue (*P. Pungens*). Perfectly hardy, pyramidal, foliage dark steel-blue. 1 to 2 ft., \$2.50; 2 to 3 ft., \$5.00.
—Norway (*Abies Excelsa*). An elegant tree, hardy, lofty, rapid growth, and pyramidal form. 2 ft., 50 cts.; 4 ft., \$1.00.
—Hemlock (*Abies Canadensis*). Of good shape and habit. 2 ft., 75 cts.; 4 ft., \$1.00.

SHADE AND ORNAMENTAL TREES.

- Apple, Japan Crab** (*Malus Halleana*). Also sold under the name of Parkman's Crab, a beautiful variety producing long, pink flower-buds, quite conspicuous. 50 cts. and \$1.00.
—Floribunda. Single, carmine in bud, white when open. 50 and 75 cts.
Ash, American White (*Fraxinus Alba*). A large, noble tree. 9 ft., 75 cts.; 10 ft., \$1.00.
—Weeping (*F. Pendula*). A beautiful tree of irregular form. 6 to 7 ft., \$1.00.
—Mountain (*Sorbus Aucuparia Pendula*). Very ornamental, bearing large clusters of shining red berries. 6 to 7 ft., 75 cts.; 9 ft., \$1.00.
Beech, American (*Fagus Ferruginea*). Compact form, rich, glossy, attractive foliage. 3 to 5 ft., 50 cts.; 5 to 7 ft., \$1.00.
—Rivers Purple (*F. Atropurpurea*). Finest of all purple-leaved trees, beautiful as single specimens. 3 ft., \$1.50.
—Cut Leaved (*F. Incisa*). Distinct and fine. 3 ft., \$1.00.
—Weeping (*F. Pendula*). A remarkable picturesque tree of curious growth. 4 ft., \$1.50.
Birch, European White (*Betula Alba*). A graceful tree with silvery bark, slender branches, elegant drooping habit. 4 to 5 ft., 50 cts.; 7 to 8 ft., 75 cts.
—Canoe (*B. Papyracea*). A native variety which attains great size. 5 ft., 75 cts.; 8 ft., \$1.00.
—Cut Leaved, Weeping (*B. Pendula Laciniata*). One of the most popular weeping trees, most beautiful as specimens on the lawn. 5 to 6 ft., \$1.00; 8 to 10 ft. specimens, \$2.00.
Catalpa Speciosa. A Western type, very desirable, being more hardy and finer in bloom than the common variety. 6 to 7 ft., 75 cts.
Chestnut, American (*Castanea Americana*). A tree of stately growth. 4 to 5 ft., 50 cts.; 8 ft., \$1.00.
—Horse (*Esculus Hippocastrium*). Strong habit, magnificent foliage, and fine spikes of flowers in May and June. 4 to 5 ft., \$1.00; 6 ft., \$1.50.
Elm, American (*Ulmus Americana*). The noble spreading and drooping tree of our own forests. 10 ft., \$1.25; 12 ft., \$1.75.
—English (*U. Campestris*). An erect, lofty tree of rapid, compact growth. 8 to 10 ft., \$1.00.
Gymnocladus Canadensis (*Kentucky Coffee Tree*). Large pinnate leaves, green flowers in June, followed by large pods. Does well in wet places. \$1.00 and \$1.50.
Hawthorn, Double White (*Crataegus Alba, fl. pl.*). Ornamental flowers and foliage. 5 ft., \$1.50.
—Paul's Scarlet (*C. Coccinea fl. pl. Paulii*). Flowers bright carmine red, makes a striking contrast when planted with the white. 5 ft., \$1.50.
Laburnum, Golden (*Cytisus*). A small tree producing freely long clusters of the brightest golden-yellow blossoms of sweet-pea size and shape. 4 ft., 50 cts.; 5 to 6 ft., \$1.00.
Larch, European (*Larix Europæa*). An elegant rapid-growing pyramidal tree. 4 to 6 ft., 75 cts.
Linden, American, or Basswood (*Tilia Americana*). A beautiful, rapid growing native tree with large leaves and fragrant flowers. 8 ft., 75 cts.; 10 ft., \$1.00.
—European (*T. Europæa*). Pyramidal tree of larger size. 7-8 feet, 75 cents; 8-10 feet, \$1.00.
Maple, Cut-Leaved Weeping (*Acer Wierii laciniatum*). A weeping silver-leaved variety with deeply cut foliage. 8 feet, \$1.00.
—Japan (*Atherosanguineum purpureum*). This is the richest crimson and the most brilliant, vigorous, and the best type of the Japanese varieties. \$2.00 each.
—Japonicum aureum (*Golden-leaved Japan Maple*). \$1.50.
—White or Silver-Leaved (*A. Dasycarpum*). A native variety of rapid growth, very beautiful. 8-10 feet, 75 cents; 10-12 feet, \$1.00.
—Norway (*A. plantanoides*). Of sprawling habit, foliage dark green. 7-8 feet, 75 cents; 9 feet, 75 cents; 10-12 feet, \$1.00.
—Sugar (*Acer saccharinum*). One of the best street trees. 8 feet, 75 cents; 10-12 feet, \$1.00.
Magnolia Acuminata (*Cucumber M.*). Of pyramidal growth, flowers yellow, tinted with bluish purple. Fine specimens. 5 feet, 75 cents.
—Conspicua (*Chinese White*). A variety of great beauty; the flowers are large, pure white, and appear before the leaves. 2-3 feet, \$1.75.
—Soulangeana. Flowers white and purple, cup-shaped; foliage large and glossy. Fine specimens. 2-3 feet, \$2.00; 3-4 feet, \$2.50; 5-6, \$5.00.
Mulberry, Downing's Everbearing (*Morus*). A rapid growing tree which bears nice fruit. 4-5 ft., 50 cents.
—Teas, Weeping. Absolutely hardy and free from disease, very vigorous in growth. 2 years old, \$1.50.
Oak, White (*Quercus alba*). One of the finest of American trees, of large size and spreading branches. \$1.00.
—Red (*Q. rubra*). Native species of rapid growth. \$1.00 each.
Poplar Bolleana (*Populus*). Pyramidal growth. 8-10 feet, \$1.00.
—Carolina. Pyramidal form, rapid grower, suitable for park or street planting. 50 cents and \$1.00.
—Lombard (*P. fastigiata*). Well known and remarkable for its erect rapid growth. 6-8 feet, 50 cents; 8-10 feet, 75 cents.
Prunus Pissardi. One of the best novelties of late years. The wood and leaves are dark purple throughout the entire season. 4-5 feet, 75 cents. 8-10 feet, \$1.50.
Syringa Japonica (*Giant tree lilac*). It makes a stout tree with large rich foliage, and throws up well above the leaves large clusters of white flowers about a foot long. 2-3 feet, 75 cents.
Tulip Tree (*Liriodendron tulipifera*). Fiddle-shaped leaves and tulip-like flowers. 75 cents and \$1.00.
Willow, Kilmarnock (*Salix Caprea Pendula*). An exceedingly graceful tree with glossy foliage and perfect umbrella head. \$1.00.
—Golden Barked (*S. aurea*). Rapid grower. Golden bark in winter. Valuable for seashore. 4-5 feet, 50 cents; 6-8 feet, \$1.00.
—(S. Babylonica). Great Weeping Willow. An immense and beautiful tree with bright green foliage and pendant branches. 6-8 feet, 50 cents.

See Special Offers on third page of cover.

HEDGE PLANTS.

	100	1,000
<i>Honey Locust.</i> 2 years old	\$3.00	\$20.00
<i>Norway Spruce.</i> 3 feet.....	25.00	200.00
" " 2 feet.....	15.00	120.00
<i>Arborvitæ, American.</i> 4 feet.....	18.00	150.00
" " 3 feet.....	12.00	100.00
" " 2 feet.....	10.00	80.00
" " 18 feet.....	7.00	60.00
<i>Hemlock.</i> 2 to 3 feet.....	25.00	200.00
" 1 to 2 feet.....	20.00	175.00

	100	1,000
<i>Japan Quince.</i> 18 to 24 inches.....	\$12.00	\$100.00
<i>Purple Barberry.</i> 12 to 18 inches.....	12.00	100.00
<i>California Privet.</i> 2 feet.....	10.00	80.00
" " 18 to 24 inches.....	8.00	60.00
<i>Althæas</i> , solid or mixed colors. 20 to 30 inches...	\$25.00	
" variegated leaves. 20 to 30 inches.....	25.00	
<i>Berberis Thunbergii.</i> 18 to 24 inches.....	20.00	
<i>Dwarf Box.</i> For edging.....per yard, 30 cts...		

FRUIT TREES—Apples.**Summer.**

Astrachan. Large, crimson, very early.
Early Harvest. Pale yellow, excellent, early.
Golden Sweet. Large, pale yellow, sweet.
Williams. Dark red, mild flavor.

Autumn.

Walter Pease. Larger, better flavored, more productive and longer keeper than the *Gravenstein*. Highest quality, \$1.00 each.
Gravenstein. Large yellow, striped red.
Fameuse (Snow Apple). Crimson, flesh white, excellent.
Porter. Medium, bright yellow, good.

Prices, 35, 50 and 75 cts. according to size, except as noted. Extra large trees, \$1.00 upwards.

Crab-Apples.

Hyslop. October to January; deep crimson,
Transcendent. September, October; useful alike for preserving, pies, sauces and cider.

Pippin. Fall, yellowish-green, very fine.

Sops of Wine. Medium, red, flesh, white, mild.

Winter.

Baldwin. Large, dark red, productive, medium.
Hunt's Russet. Late yellow, good flavor.
Hubbardston. Large, yellow, splashed red, early.
King. Large, striped red, excellent.
Lady. Small, yellow and red, good.
Northern Spy. Large, striped red, good keeper.
Rhode Island Greening. Large, yellowish-green medium.
Roxbury Russet. Extra quality, largest of the russets.
Tolman's Sweet. Medium, light yellow, excellent.
Jacob's Sweet. Best late-keeping sweet, splendid quality.

Pears.

Summer. *Clapp.* Very productive; large, juicy.
Bartlett. Large, clear, yellow, juicy; late.
Giffard. Medium; greenish yellow, juicy.
Wilder. Ripens beginning August.
Autumn. *Beurre Hardy.* October. Greenish russet.
Belle Lucrative. September; yellowish-green, melting.
Bosc. October; large, russet, buttery.
Buffum. September; good for preserving.
Duchesse d'Angouleme. October; large, greenish.

Yellow Siberian. Nov., Dec., large, golden yellow.

Price, 35 cts., 50 cts. and 75 cts., according to size.

Price: Standards, 5-6 ft., 75 cts. Larger or selected specimens, \$1.00 to \$2.00.

Apricots.

Early Golden. Small; flesh orange, juicy and sweet. Tree hardy. July.
Moorpark. One of the largest; orange, with red cheek; firm, juicy. August.
Harris. Perfectly hardy; very productive. Fruit large, rich golden yellow, July.
Alexander. Tree hardy; fruit large, yellow, flecked with red; delicious. July.
Alexis. Tree hardy; fruit yellow, with red cheek; very large; slightly acid.
J. L. Budd. Hardy; large, white, with red cheek; sweet, juicy. August.

Price, ¾ ft., 50 cents each; set of 6, \$2.50.

Peaches.

Early Canada. July; good size, form, quality and very hardy, freestone.
Alexander. July; medium, melting and juicy.
Alberta. Late July; flesh yellow. Very juicy.
Crosby. (Ironclad.) September; medium, sweet, firm, most desirable.
Coolidge's Favorite. Aug.; medium, juicy, rich, freestone.
Mountain Rose. September; large white and red, melting, good.

Crawford's Early. September; large yellow, juicy, freestone.
Foster. September; similar to preceding, but of better quality.
Old Mixon. September; large, white and red, juicy and rich.
Crawford's Late. Very large, juicy, good, freestone.
Late Rare Ripe. September, large, white, very good.
Stump the World. September; medium, red and white

Price, 4 to 6 feet, 25 cents; selected trees, 50 cents.

Cherries.

Coe's Transparent. June; medium, pale amber and red.
Black Tartarian. June; large, purplish black.
Black Eagle. July; large, tender, rich, juicy.
Downer's Red. July; light red, tender and juicy.

May Duke. June; large, dark red, tender sub-acid.
Late Duke. July; large, dark red, sub acid.
Yellow Spanish. Late June; pale yellow, red cheek.

Price, 75 cents and \$1.00 each.

See Special Offers on third page of cover.

Plums.**European.****Bradshaw.** August; large, purple, sweet.**Coe's Golden.** September; large, light yellow, firm, rich and sweet.**Green Gage.** Sept.; large, greenish yellow, very fine.**Imperial Gage.** August; large, greenish, juicy and rich**Jefferson.** August; large, yellow and red, high flavor.**Lombard.** September; medium, violet, red, juicy.**Washington.** August; large and fine.**Japanese.****Abundance.** Early; fruit amber turning to cherry, flesh yellow, juicy, tender and sweet.**Burbank.** September; bright red, flesh yellow and sweet.**October Purple.** September; rich maroon, large, fine flavor, small stone.**Satsuma.** September; purplish red, flesh dark red, juicy and of fine quality.

Price, 75 cents and \$1.00 each.

Gooseberries.**Crown Bob.** Very large, red. 20 cts. each; \$2.00 doz.**Red Jacket.** The best red, free from mildew. 30 cts. each; \$3.00 per doz.**Pearl.** The most prolific, free from mildew, green. 25 cts. each; \$2.25 per doz.**Smith's Improved.** Large, light green. 20 cts. each; \$1.50 per doz.**Industry.** Very large, dark cherry red. 20 cts. each; \$2.00 per doz.**Downing.** 20 cts. each; \$1.50 per doz.**Raspberries.****Cuthbert.** Red, firm and superior quality.**Columbian.** Very large, a fine keeper. \$2.00 per doz.; \$10.00 per 100.**Golden Queen.** Productive and of superior quality, golden yellow.**Cumberland.** One of the finest, large and productive.**Gregg.** Good size, productive and hardy.**Souhegan.** Recommended as a market sort, hardy.

\$1.00 per doz.; \$5.00 per 100, except as noted.

Blackberries.**Agawam.** The earliest, flavor like the wild berry.**Early Harvest.** Extra early, productive.**Snyder.** Best quality, very sweet. \$1.00 doz.; \$6.00 100.**Wachusett.** Hardy, good size and quality.**Lucretia Dewberry.** A trailing variety of immense size, sweet and luscious.**Wilson's Early.** Large and sweet.**Taylor's Prolific.** Extremely hardy, large, prolific.

\$1.00 per doz.; \$5.00 per 100, except as noted.

Currants.**Black Naples.** Fine for wine and jelly. \$1.00 per doz.; \$5.00 per 100.**Cherry.** Large, red, juicy and acid. \$1.00 per doz.; \$5.00 per 100.**Fay.** Like cherry, but more prolific. \$2.00 per doz.**La Versailles.** Very large, red. \$1.00 per doz.; \$7.00 per 100.**Smith's Yellow-Black.** Similar to Black Naples in habit, size and flavor, but the fruit is yellow and sweeter. 30 cts. each; \$3.00 per doz.**Strawberries.**

For Garden Culture, set plants one foot apart in the row, and the rows two feet apart, keep the runners cut off.

The varieties marked "P" are pistillate and must have a row of staminate, or perfect-flowered varieties, planted say every ten feet among them.

Talbot (P). Roundish conical form, bright red color, of delicious flavor. \$1.50 per 100.**Marshall.** The fruit is very large, deep crimson color, and of extra quality. Late.**Clyde.** Large, roundish conical form, bright scarlet, good quality. Season medium.**Gladstone.** As large as Sharpless, quality very good. Early.**Belmont.** A general favorite for market and home use. Large, crimson fruit. Late.**Nick Ohmer.** Large, conical dark red fruit of excellent flavor. Season medium.

25 cts. per doz.; 75 cts. per 100, except as noted.

Rio. A large crimson productive sort, good quality. Early.**Haverland (P).** A fine berry, color light red. Large, and of good quality. Early.**St. Joseph Everbearing.** Bears abundantly throughout the season. The berries are of medium size, bright red color, and sweet aromatic flavor. \$1.50 per 100.**Gandy.** Large, late, ten days after Belmont. Crimson.**Glen Mary.** A desirable main crop sort.**Bubach No. 5 (P).** Prolific and of good quality. Late. Scarlet.**Brandywine.** Hardy, good quality. Medium.**Enormous (P).** Large, late crimson variety.

Pot Grown Plants ready in August, \$2.50 per 100.

HARDY GRAPES.**Concord.** A large, handsome, popular grape. September.**Eaton.** Large in berry and bunch, sweet and juicy. Sept.**Moore's Early.** Large, reliable. August.**Wilder.** (Roger's No. 4.) Sweet and solid. September.**Agawam.** (Roger's No. 15.) Dark red, tender, juicy. Sept.**Green Mountain.** Desirable in every way, very early. 50 cents.**Moore's Diamond.** As early as Concord, large, fine flavored. 50 cents.**Niagara.** As good as any, early and hardy.**Brighton.** Flesh rich, sweet and best quality. Sept.**Delaware.** Small in berry and bunch, flesh very juicy, September.**Salem.** (Roger's No. 22.) Very rich flavor, large. Sept.

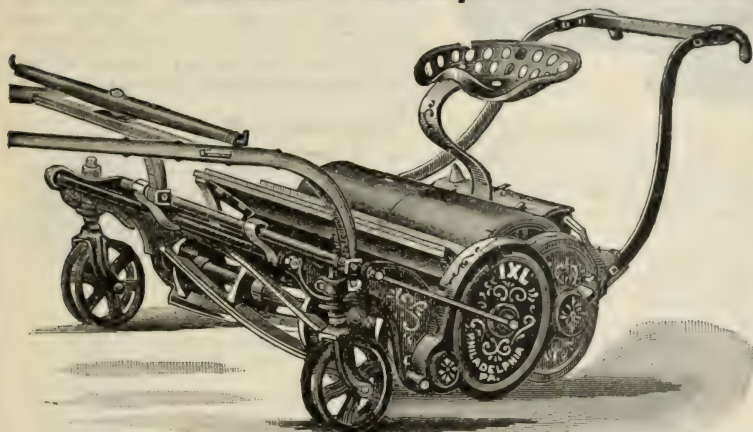
Good plants, 30 cts. each; \$3.00 doz. Strong plants, 50 cts. each; \$5.00 doz., except as noted.

See Special Offers on third page of cover.

AGRICULTURAL IMPLEMENTS.

Under the above heading are classed all tools, implements, etc., used on the Golf Links, Lawns, Farm and Garden and in the Household, which are offered for sale in a modern Seed Store and Agricultural Warehouse. Our long experience covering more than three-quarters of a century, and the desire of keeping abreast with the present time, enable us to offer the public the finest selection of such goods to be found in this country. Our principles: "Honesty, Fair Dealing and Square Business Methods," ensure satisfactory results to our customers. If the articles wanted are not found in the following pages, which cover only a limited portion of our stock, send for our large catalogue of Agricultural Hardware, Implements, Machines and Wooden Ware. (Page 21 of this Catalogue tells you what it is and how to obtain it.)

Genuine Philadelphia Lawn Mowers for 1902.



I. X. L. Pony and Horse Lawn Mower.

We do not hesitate to claim for these goods superiority in quality and workmanship, as they are made from the best material, and finished by the latest approved methods of manufacture.

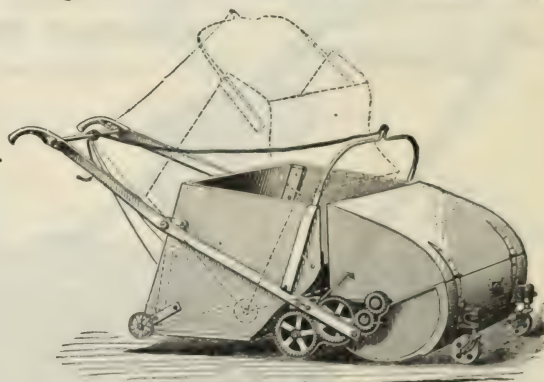
The I. X. L. Mowers have been used on a number of Golf Links during the past two seasons with great success. This is the hardest work a machine can be put to, and the fact that practically no repairs are called for, shows their superiority for this purpose.

For prices see next page.

Philadelphia 40 inch Lawn Sweeper.

This Sweeper gives you a perfect lawn, instead of looking gray for several days owing to the withered cut grass remaining on the lawn. If the Sweeper and Horse Lawn Mower are run in opposite directions the lawn will be nearly the same shade of color all over.

Mfrs. price, \$70.00 Our net price, \$60.00.



The "Cricket" Lawn Mowers.



Although these machines are sold at very low prices, they are not to be compared with the worthless mowers offered by the Department Stores. We do not pretend they are as good as the "Genuine Philadelphia" shown on next page. They are made for us by the Philadelphia Lawn Mower Co., and we claim the "Crickets" are the best low price Lawn Mowers ever offered.

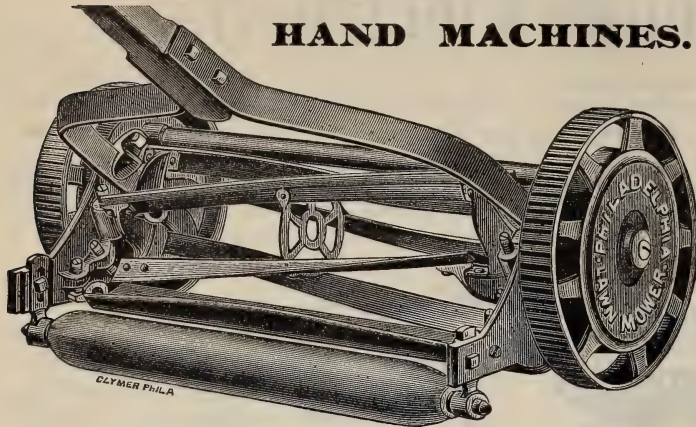
3 Blade Wiper, 7½ in. Wheel.				4 Blade Wiper, 10 in. Wheel.			
Size	14 in.	16 in.	18 in.	14 in.	16 in.	18 in.	
Our net price,	\$3.00	\$3.25	\$3.50	\$4.25	\$4.50	\$5.00	

Not included in our special offers.

See Special Offers on third page of cover.

GENUINE PHILADELPHIA LAWN MOWERS FOR 1902.

HAND MACHINES.



Although imitated by nearly every manufacturer of lawn mowers, the "Genuine Philadelphia" retains its old place: superior to all others. Imitation of a machine is a sure indication of its merit, for no manufacturer would undertake to imitate an inferior article. The following styles are especially recommended:— Style K. R. B. has roller bearings and is far superior to any ball bearing machine made. Styles T. and K. are old favorites, always giving satisfaction. Style M. for hard service in parks, etc., is unequalled. Style E. High Wheel, is a fine mower. For cutting high grass as well as low grass, use Style X. X. As its name indicates, "Style Golf" is for Golf Greens, where it is necessary to cut the grass very short.

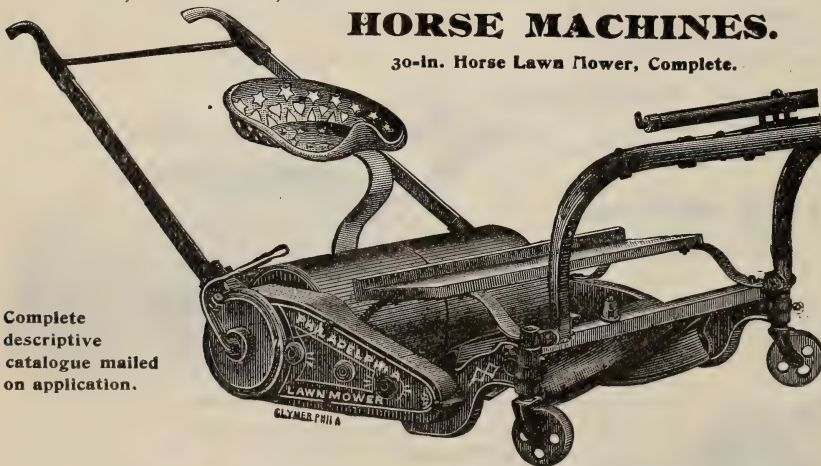
Width of Cut.	Style "K. R. B."		Style "K."		Style "T."		Style "M."		Style "E. H. W."		Style "X. X."		Style "GOLF."	
	Mfrs. Price.	Net Price.	Mfrs. Price.	Net Price.	Mfrs. Price.	Net Price.	Mfrs. Price.	Net Price.	Mfrs. Price.	Net Price.	Mfrs. Price.	Net Price.	Mfrs. Price.	Net Price.
10 inch .					16.00	5.75	13.00	4.75						
12 " .					17.00	6.00	15.00	5.50						
14 " .	20.00	11.25	20.00	7.25	19.00	6.75	17.00	6.00						
16 " .	22.00	12.50	22.00	7.75	21.00	7.50	19.00	6.75			22.00	10.50		
18 " .	24.00	13.75	24.00	8.50	23.00	8.25	21.00	7.50			24.00	11.50		
20 " .	26.00	14.75	26.00	9.25			23.00	8.25			26.00	12.50		
22 " .											28.00	13.50		
15 " .									25.00	9.00			25.00	13.00
17 " .									28.00	10.00			28.00	14.50
19 " .									31.00	11.00			31.00	16.00
21 " .									34.00	12.00			34.00	17.50

All other mowers manufactured are imitations, not the genuine Philadelphia, and are often purchased as our goods.

None are genuine unless the words PHILADELPHIA LAWN MOWER and PHILADELPHIA LAWN MOWER Co. are cast, not stenciled, on the outside of wheel.

HORSE MACHINES.

30-in. Horse Lawn Mower, Complete.



Complete descriptive catalogue mailed on application.

Lawn Mowers of all Kinds Properly Repaired.
Send Machines to us early and avoid the rush.

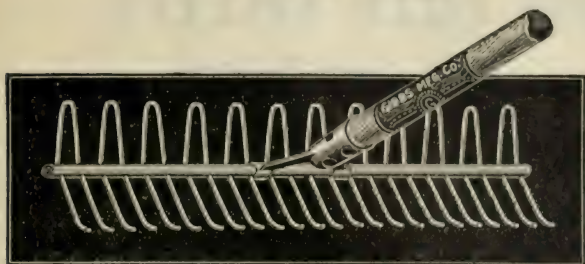
In addition to the machines shown in this catalogue we carry in stock all the other mowers made by the Philadelphia Lawn Mower Co., and can furnish same at the lowest cash prices.

Manufacturers' Prices. Jos. Breck & Sons' Net Cash Prices

I. X. I. Horse Mowers, 30-in., with seat and shafts	•	•	•	•	•	\$100.00	\$ 75.00
" " 35-in. " " "	•	•	•	•	•	125.00	95.00
" " 40-in. " " "	•	•	•	•	•	150.00	115.00
30-in. Horse Lawn Mower, with draft rod	•	•	•	•	•	100.00	75.00
30-in. " " " seat and shafts	•	•	•	•	•	120.00	90.00
35-in. " " " draft rod	•	•	•	•	•	120.00	90.00
35-in. " " " seat and shafts	•	•	•	•	•	140.00	105.00
Recommended for the majority of lawns.							
36-in. Horse Lawn Mower, with seat and shafts	•	•	•	•	•	160.00	125.00
For large parks, public grounds and golf links.							

See Special Offers on third page of cover.

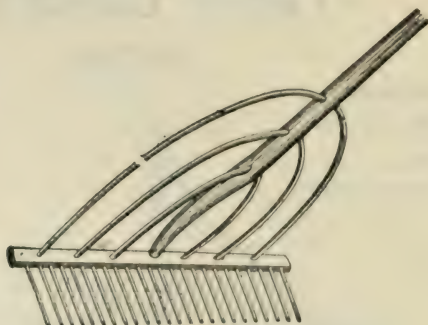
Wire Lawn Rake.



Cannot injure the Lawn. Very effective.

Our net price each, 50 cts.

Wood Lawn Rake.



Hand-made. Extra quality.

Our net price, each, 50 cts.

***"Anchor" Ornamental Flower Bed
Lawn and Tree Guards.***



These guards fill a long-felt want and are far superior to the makeshifts generally used. They are entirely constructed of Nos. 8 and 9 Galvanized Steel Wire. The Horizontal Wires being absolutely locked to the Upright Wires by our patented Anchor Clamp make the joints "**rivet tight.**" They cannot slip. Anyone can put the "**ANCHOR**" in place, and when in place it is a GUARD.

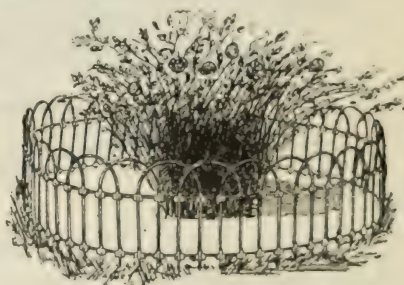
Price List

Flower Bed and Lawn Guards.

16 inches high, our net price per foot . .	\$0.15
22 " " " " " "	.20

Tree Guards.

8-inch diameter, our net price each	. . \$1.00
10-inch " " " " "	. . 1.20



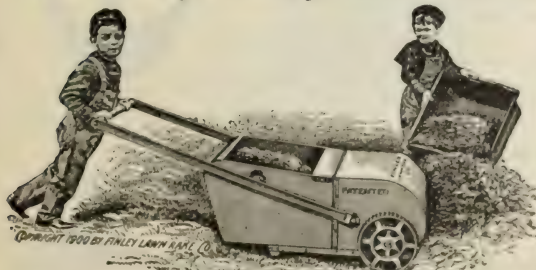
Estimates on Anchor, Field and Lawn Fence furnished on application.

Cut Grass Collector.

For collecting cut grass. Can be attached to any mower having wood roller Hanger Bolts.

				10 in.	12 in.	14 in.	16 in.	18 in.	20 in.
Low Wheel Mowers.	Our net price, each,	\$1.40		\$1.50		\$1.60	\$1.70	\$1.80	\$1.90
High " "	" " " "					15 in.	17 in.	19 in.	21 in.
						\$1.70	\$1.80	\$1.90	\$2.00

The Finley Rotary Lawn Rake.



Will gather all the leaves, twigs, cones, burrs, and any such litter; and do it in one-third the time required by hand—and better. The wind cannot blow them around, as they are in a basket. It is wonderful what it will do. Let us send you one.

LOWLAND HOUSE, NAHANT P. O., MASSACHUSETTS.

FINLEY LAWN RAKE COMPANY:

Please send me another Lawn Rake. The Rake I have found most efficient. You are at liberty to make any use you like of any part or all of this letter. The Rake, so far as I am concerned, has talked for itself.

Very truly yours,

GEORGE ABBOT JAMES.

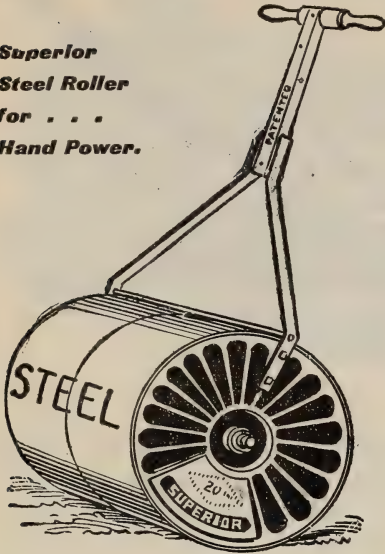
Our net price, complete	\$12.00.
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Not included in our special offers.

See Special Offers on third page of cover.

LAWN, GARDEN AND FIELD ROLLERS.

**Superior
Steel Roller
for . . .
Hand Power.**



Steel Lawn Rollers.

Finest Roller made for Golf Links, Lawns, etc.

Nothing sticks to steel during wet weather, the best time for rolling.

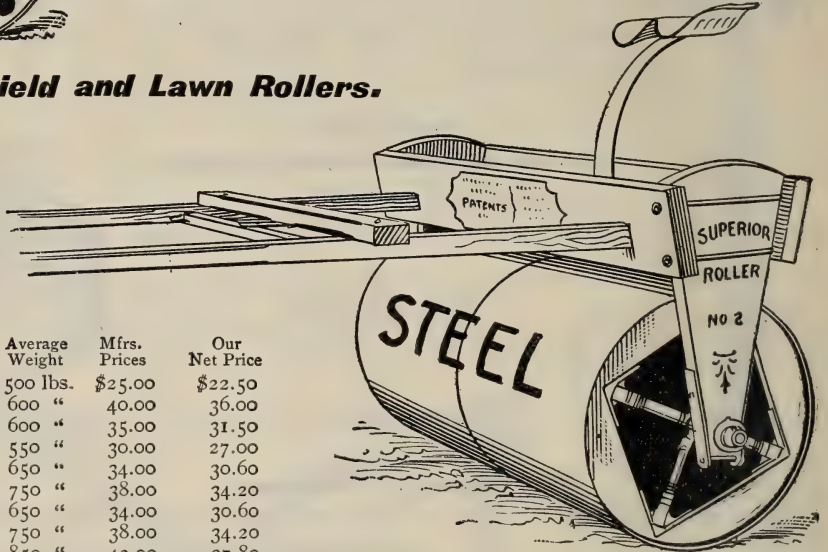
		Mfrs. price	Our net price
No. A,	1 section, 20 x 20, 250 lbs.	\$14.00	\$12.60
" B,	1 " 24 x 24, 375 "	18.00	16.20
" C,	2 " 20 x 20, 250 "	15.00	13.50
" D,	2 " 12 x 20, 300 "	17.00	15.30
" E,	2 " 20 x 24, 375 "	19.00	17.10
" F,	2 " 12 x 24, 400 "	21.00	18.90

Cast Iron Garden Rollers.

		Mfrs. price	Our net price
2	section, 7½ x 15, 125 lbs.	\$ 7.50	\$ 6.75
3	" 7½ x 15, 180 "	10.00	9.00
1	" 12 x 20, 140 "	9.00	8.00
2	" 12 x 20, 300 "	17.50	15.75
1	" 20 x 20, 220 "	14.50	13.00
1	" 12 x 24, 200 "	13.50	12.15
2	" 12 x 24, 400 "	23.00	20.70

Steel Field and Lawn Rollers.

These Rollers may be weighted to about three times the average weight given.



No.	Length	Diameter	Average Weight	Mfrs. Prices	Our Net Price
2	Lawn, 4 feet.	24 inches.	500 lbs.	\$25.00	\$22.50
1	" 56 inches.	30 "	600 "	40.00	36.00
3	" 6 feet.	24 "	600 "	35.00	31.50
3	Field, 6 "	24 "	550 "	30.00	27.00
7	" 7 "	24 "	650 "	34.00	30.60
4	" 8 "	25 "	750 "	38.00	34.20
5	" 6 "	30 "	650 "	34.00	30.60
9	" 7 "	30 "	750 "	38.00	34.20
6	" 8 "	30 "	850 "	42.00	37.80

Hand Fertilizer Sower.



Does the work perfectly, sowing all kinds of lawn dressing and other commercial fertilizers, wood ashes, lime, etc., in large or very small quantities. Is excellent for sifting coal ashes, sawdust or dry sand on icy walks; will also sow damp sand by removing two blades.

Mfrs. price, \$12.00

Our net price, \$11.50

Edging Knife.



For trimming edges, walks, lawns, etc. Best quality Cast Steel with handle.

Our net price, each, 75c.

Useful for cutting under strips of sod as they are being rolled.

	Mfrs. Price, per doz.	Our net price, each
Wood Handle	\$45.00	\$3.25
Iron Handle	42.00	3.00

Sod Lifter.



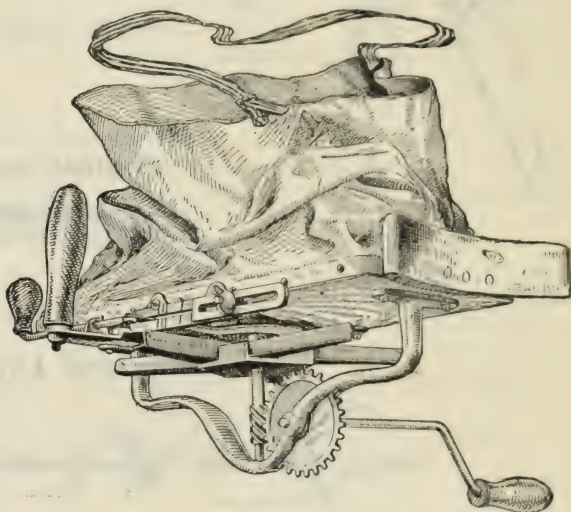
See Special Offers on third page of cover.

English Water Ballast Rollers.

For keeping golf greens, lawns and tennis courts in perfect order these Rollers are invaluable, and have been adopted by the English clubs in preference to all others. When the ground is soft they may be used empty, and in dry weather, when all others are useless, they can be filled with water and worked to advantage. When loaded the weight of the Roller is nearly doubled—empty it can be taken from place to place without much labor.

	Weight empty	Weight filled	Mfrs. price	Our net price
One section, 18x18 in.	280 lbs.	450 lbs.	\$32.00	\$28.00
" " 21x21 "	360 "	600 "	40.00	35.00

The New Idea Broadcast Hand Seed Sower.



The "New Idea," on account of the superior distributor, sows seeds more evenly and with greater regularity than any of the old style machines. The "New Idea" will save its cost in saving of seed and superior crops through absolutely uniform distribution on every acre sowed.

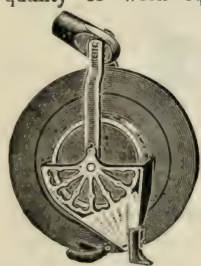
Our net price, each \$2.25

The Eureka Kitchen Garden and Hot-Bed Seed Drill.

It will sow and cover Beets, Cabbage, Carrots, Celery, Lettuce, Onions, Radishes, Spinach, Turnips and all such seeds with the greatest regularity. The quality of work equals that done with the costly machines and is infinitely better and faster than hand work.

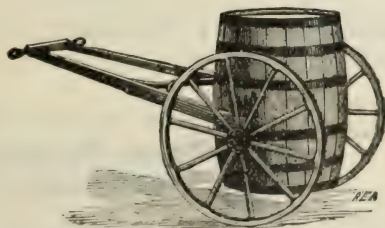
Don't try to do without this little planter another season. Your garden will smile approbation all through the season if you use the EUREKA.

By using this Drill you save seed, you save time, you stand in an upright position, the work is easy, you get a better stand, you get better plants.



Our net price, each \$1.00

Water Barrel Trucks.



Barrel Truck with Barrel.

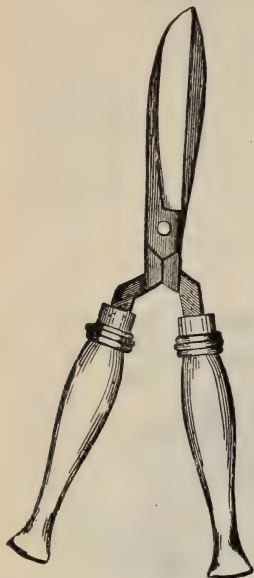


Leaf Rack for Barrel Truck.

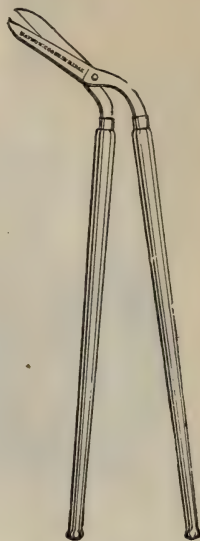
A most convenient arrangement on the golf links, farm or lawn. The cuts show the truck with its different attachments. For a well made, durable article we consider the price very reasonable.

Water barrel truck only 1 1/2 in. tires	Mfrs. price, each, \$	7.50	Our net price, each, \$	6.75
" " " 3 1/2 "	" "	10.00	" " "	9.00
Barrels fitted	" "	3.50	" " "	3.00
Boxes	" "	3.50	" " "	3.00
Leaf racks fitted	" "	5.50	" " "	5.00
Sprinkling attachments	" "	3.75	" " "	3.50

See Special Offers on third page of cover.

English Grass Hedge and Border Shears.

		Mfrs. price, per pair.	Our net price, per pair.
No. 100	7½ in. Grass Shears	\$1.60	\$1.45
" 100	8 " "	1.65	1.50
" 100	9 " "	2.00	1.80
" 100	10 " "	2.38	2.15
" 101	8 " Hedge Shears	1.90	1.70
" 101	9 " "	2.25	2.05
" 101	10 " "	2.50	2.40
" 107	First size, Ladies' Shears	1.75	1.60
" 107	Second size " "	1.75	1.60
" 107	Third size " "	1.75	1.60
" 104	L. H. Border Shears 9 in.	3.00	2.70
" 104	" " 10 "	3.50	3.15
" 105	" " with wheel 9 "	3.50	3.15
" 105	" " 10 "	4.00	3.60
" 106	Lawn " 9 "	3.00	2.70
" 106½	" " 2 wheels 4 "	9.00	3.60

**English Lawn Scythe.**

Waldron's, made in England, 34 to 36 inches, Mfrs. price, per doz. . . \$24.00 Our net price, each . . \$1.75

Cleveland Lawn Weeder.

No more broken backs. This little device gets at the root of the evil and removes it bodily. Our net price, each, 75c.

Grass Hooks.**Barden Patent Grass Hook.**

(SEE CUT.)

The Barden Hook is similar to a scythe and is consequently capable of doing better work than the older styles of Hooks. Made from the finest materials in one size only.



BARDEN PATENT GRASS HOOK.

Our net price, each . . . \$0.50

American.

Made expressly for us. None better.

No. 2	Our net price each	. \$0.25
" 3	" "	. .25
" 4	" "	. .25
Nolin Concave	" "	. .60

English.

Our own importation. Finest quality

No. 2	Our net price, each	. \$0.30
" 3	" "	. .35
" 4	" "	. .40
" 5	" "	. .50

Horse Lawn Boots.

In connection with the lawn mower and roller a set of horse boots are indispensable.

They prevent the horse's feet from marking or cutting up the lawn. Very useful in wet weather. In sets of four, made from the finest quality of oak tanned leather.

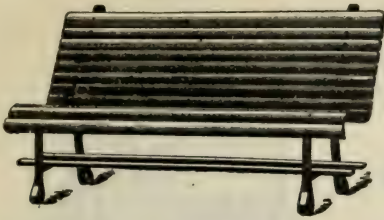
Mfrs. price, per set, \$12. Our net price, \$10

See Special Offers on third page of cover.

Sheep Shears for Grass.

No. 510, 6 in. ½-Pol, net price, \$0.50
American Clippers " .50

By mail add 20c. per pair for postage.

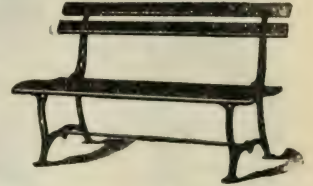
Boston Park Settee.

This style of settee is being adopted by all large cities, it being especially adapted to use in parks and public grounds. The standards are made of steel and each slat is bolted on.

Mfrs. price, each . . . \$9.00 Our net price, each, \$7.50

Extra Heavy Lawn Settee.

The extra heavy lawn settee shown above is intended for parks and public grounds where an extra strong settee is



required. It has a heavy iron frame, the ends being bolted together with iron rod. Seat and back are made from best quality stock.

4 1/2 ft. long . . . Mfrs. price, per doz., \$60.00 Our net price, each, \$4.75
5 " " " " " 66.00 " " " 5.00

Folding Lawn Settee.

Our folding lawn settees are made from hardwood. Can be folded into a small compass and packed away for the winter. Painted vermilion.

Our net price, each . . . \$1.00

Q. P. Woven Hammocks.

The Q. P. hammocks contain the largest amount of first-class stock of any in the market, being made of heavy cotton yarn. All hammocks have our combined hook and ring.

The spreader is impossible to displace, but allows the hammock to adjust itself to any position of the body, making a perfect hammock and bed. The strain being evenly distributed causes it to wear longer and prevents wearing out in the middle. Manufactured in neat and tasty designs in colors and plain white.

White Hammocks with Bent Spreaders in Both Ends.

Grade M, size of body, 84 in., width, 48 in., total length, 13 ft.,	Mfrs. price, per doz., \$26.50	Our net price, each, \$1.90
" O, " 78 " 45 " 12 1/2 "	" 20.50	" " 1.50
" E, " 72 " 39 " 12 "	" 13.50	" " 1.10

Hammocks of Full, Fast Colors, with Bent Spreaders in Both Ends, Adjustable Pillow and Valances.

Grade W, size of body, 96 in., width, 58 in., total length, 14 ft.,	Mfrs. price, per doz., \$75.00	Our net price, each, \$5.50
" Y, " 78 " 45 " 12 1/2 "	" 45.00	" " 3.25

Hammocks, Plain White, with Bent Spreaders in Both Ends, Adjustable Pillow and Valances.

Grade No. 15, size of body, 96 in., width 58 in., total length, 14 ft.,	Mfrs. price, per doz., \$56.00	Our net price, each, \$4.10
" 17, " 78 " 45 " 12 1/2 "	" 35.00	" " 2.60

Hammocks of Full, Fast Colors, with Bent Spreaders in Both Ends.

Grade S, size of body, 84 in., width, 48 in., total length, 13 ft.,	Mfrs. price, per doz., \$34.00	Our net price, each, \$2.50
" T, " 78 " 45 " 12 1/2 "	" 27.00	" " 1.90

Hammock Frames.

Hammock frames with awning (see cut).	Our Net Price. \$8.50
" " without awning .	4.75

These frames and chairs stand alone wherever placed, independent of trees, posts, ropes or anchorage of any kind. They have no equal for the lawn, the seashore, the mountain or the lake region. They are strongly made and are thoroughly tested before leaving the factory.

Hammock Chairs.

Hammock chair with frame	Our Net Price. \$4.75
" " only .	2.85
" " frame only	1.90

See Special Offers on third page of cover.

Lawn Swings, Chairs and Settees.

*"Made in the home of the deer and the moose,
Of the silver birch and the mountain spruce."*



These **Awnings** are perfectly automatic and furnish a delightful and healthful exercise for persons of all ages, as the smallest child can operate them with absolute ease and safety. As a promoter of health, strength and vitality, this swing has no equal, as with it either gentle or vigorous exercise may be taken at will.

The **Chairs and Settees** illustrated are entirely new in design, and are the only folding ones made, having wide arm rests. They are strong, attractively finished, very comfortable, and for the **Piazza or Lawn** have no equal.

Price List.

No. 2	Lawn Swings, for the Lawn, seats two (see cut)				Our net price, each, \$	5.50
" 5	Double Lawn Swings, for the Lawn, seats four, light				" " "	7.50
" 7	" " " " heavy				" " "	8.50
" 3	Heavy Park Swing, for public parks and picnic grounds				" " "	15.00
" 8	" Single Swing, seats two				" " "	8.50
Awnings for No. 2 Swing, large		\$5.25	Awnings for No. 2 Swing, small			2.25
Folding Settees (see illustration)					Our net price, each,	1.65
" Chairs					" " "	1.00

Garden and Lawn Hose.

**The Best, Most Reliable and consequently
the Cheapest Hose Sold.**



Boss Spray Hose Pipe,

Price List. Prices Include Couplings.

RUBBER HOSE.		Manu- facturers' Prices.	Jos. Breck & Sons' Net Cash Prices.
Superior 3/4-inch, 3-ply, for extra heavy pressure,	per foot	\$0.30	\$0.20
Boston, 3/4-inch, 3-ply, for heavy pressure, per foot		.30	.17
Boston, 1/2-inch, 3-ply, " " "		.25	.15
Extra, 3/4-inch, 3-ply, for medium " " "		.30	.14
Extra, 1/2-inch, 3-ply, " " "		.25	.12
XX, 3/4-inch, 3-ply, for light " " "		.30	.13
XX, 1/2-inch, 3-ply, " " "		.25	.11

BLUE LINE COTTON HOSE.

Cotton, 3/4-inch, for all pressures, per foot	.30	.12
Cotton, 1/2-inch, " " "	.25	.11

Please remember that we offer no cheap grade of Garden Hose; every foot is warranted, and is sure to give satisfaction.

GRAVELED ASPHALT ROOFING.

Graveled Asphalt Roofing is a cheap, durable fire and acid proof material and is adapted for all kinds of buildings. An inspection of this roofing will convince the most skeptical as to its superiority over all others.

Ready Graveled Asphalt Roofing is made of the highest grade of Trinidad Asphalt, which is applied to a heavy Asphalted Felt and surfaced with carefully screened gravel, to which is added a backing of felt, which thoroughly protects the fabric.

The price is made complete, including necessary roofing, nails and cement for laying it.

Our net price per roll of 100 sq. ft. (not included in our special offers) **\$3.50**

Descriptive circular and sample mailed on application.

See Special Offers on third page of cover.



Breck's Combination Sprinkler.

This Sprinkler is made of solid brass, with holes of the right size to throw a copious and gentle stream on the plants or lawn. The washing up of the soil is avoided by using the "BRECK." The face being flat and the holes bored straight, the spray is thrown without spreading, making it invaluable for hot-house work.

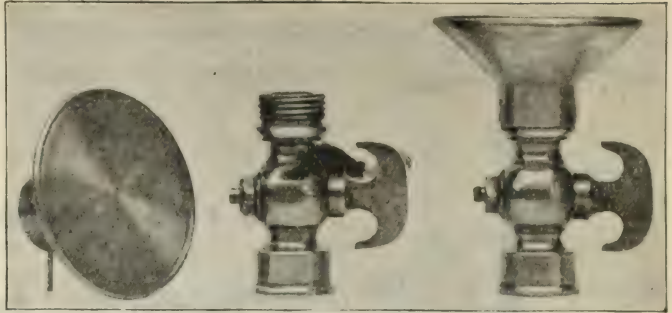
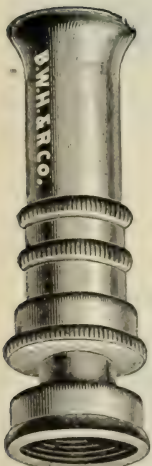
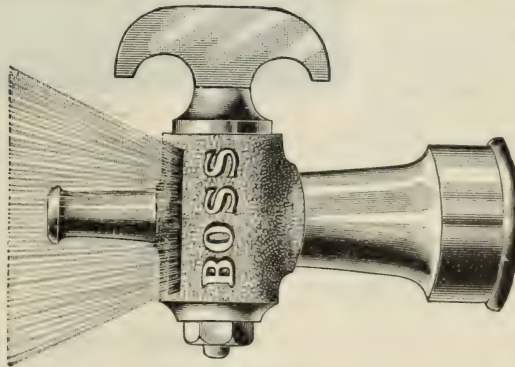


Fig. 1

Fig. 2

Fig. 3

Breck Sprinkler, Complete, 3 inch Head	Fig. 3, Our net price, each, \$1.25	By mail, \$1.50
" " Head only, 3 "	" 1, " .50	" .60
" " " 4 "	" " .75	" .90
" " Stop Cock only,	" 2, " .75	" .90

Hose Pipes or Nozzles.Boston
Hose Nozzle.

Boss Hose Nozzle.

THE BOSS HOSE NOZZLE will throw a straight stream or flat spray—superior for Flower Beds.

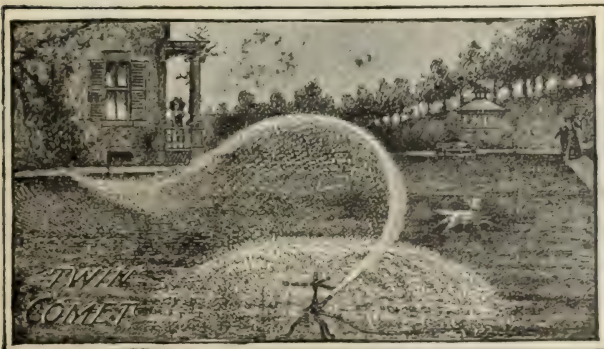
Our net price each, 50 cts. By mail, 60 cts.

THE BOSTON HOSE NOZZLE throws two distinct sprays in addition to a straight stream—an old favorite.

Our net price each, 50 cts. By mail, 60 cts.

THE FAIRY SPRAY PIPE, one of the best combination nozzles, throwing either a straight stream or spray.

Our net price each, 60 cts. By mail, 70 cts.

Fairy
Spray Pipe.**The "Twin-Comet" Lawn Sprinkler.**

The globe, or body, of the Sprinkler is made in two parts, and by means of the swiftly revolving arms, and intermediate gears, the upper half is made to revolve slowly, carrying the hose nozzle, from which a full stream of water is thrown far out beyond the sprinkle of the arms, thereby covering a larger space than any other stationary sprinkler. Height, 17 inches; weight, 6 lbs.

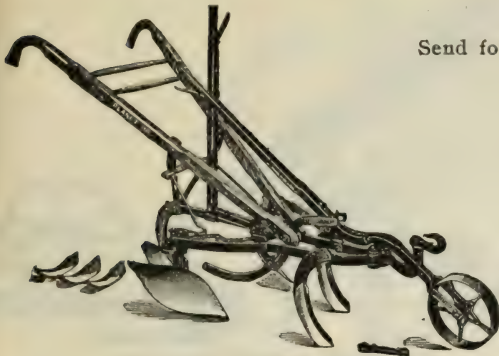
Our net price each, \$5.00

See Special Offers on third page of cover.

"Planet Jr." Implements for 1902.

HORSE TOOLS

Send for complete catalogue, mailed on application.
For extra parts see next page.



Planet Jr. No. 8 Horse Hoe.

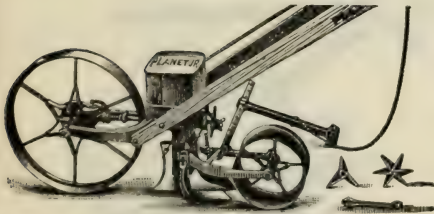


Planet Jr. 12 Tooth Harrow.

	Our net price.
No. 8 Horse Hoe and Cultivator, complete	\$ 8.00
No. 7 " " " "	7.50
Nine-Tooth Horse Hoe	14.00
Pulverizer and Leveller	12.00
No. 9 Plain Cultivator and wheel	5.75
No. 9 " " no " "	5.00
No. 9 Horse Hoe and Cultivator, complete	7.00
Nine-Tooth Horse Hoe Attachment	6.00
Irish Potato Digger	15.00
No. 5 Horse Hoe and Cultivator, complete	6.00
Twelve-Tooth Harrow, complete	8.00
" " without pulverizer	6.50

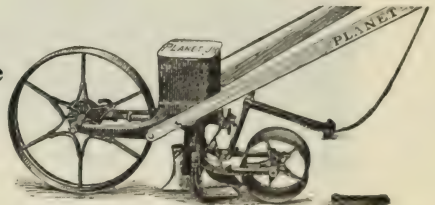
	Our net price
Twelve-Tooth Harrow, without pulverizer or wheel	\$ 5.50
No. 4 Plain Cultivator, with wheel	4.75
No. 4 " " without wheel	4.00
Double Celery Hiller	13.00
Single Celery Hiller	10.00
Universal Cultivator (cuts 5 feet 3 inches)	32.00
Spring Tooth Universal Cultivator, two horse	28.00
Pivot Wheel Cultivator, complete, two horse	35.00
Two Row Pivot Wheel Cultivator, two horse	42.50

"PLANET JR." SEED SOWERS.

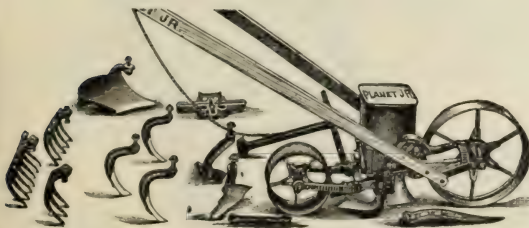


No. 3 Hill Dropping Drill.

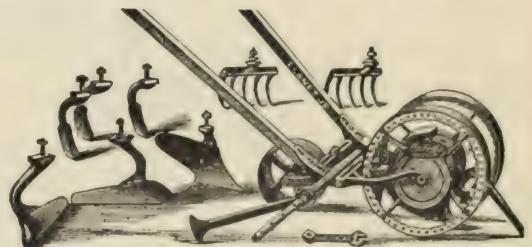
New and Valuable
Improvements
for 1902.



No. 5 Seed Drill. Rows or Hill.



No. 4 Seed Drill, Complete.



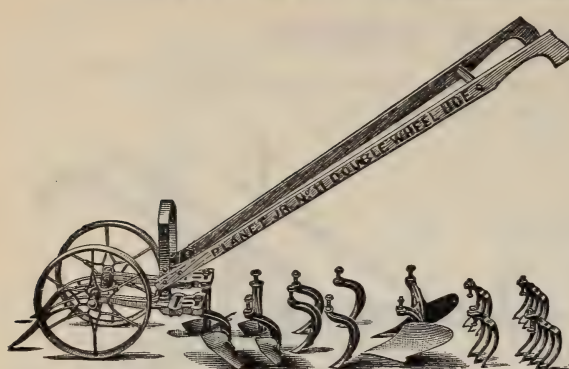
No. 1 Combined Drill, Complete.

No. 2 Seed Drill	\$ 7.00
No. 1 Combined Drill with Rakes	9.50
No. 1 Combined Drill less Rakes	9.00
Fertilizer and Pea Drill	16.00
Fertilizer and Seed Drill Combined	17.50
No. 5 Market Gardener's Hill Dropping Drill	13.00

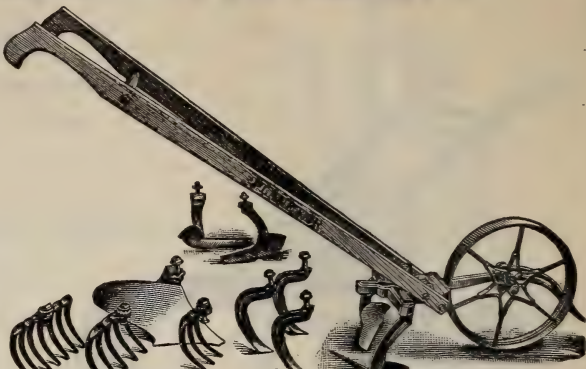
No. 4 Drill with Rakes	\$11.00
No. 4 " less "	10.00
No. 4 " only	8.00
No. 4 " complete	13.00
No. 3 Hill Dropping Seed Drill	10.00
No. 25 Combined Seed Drill and Double Wheel hoe (new, 1900)	13.00

Our Special Offer No. 1 (see third page of cover) applies to all Planet Jr. Goods.

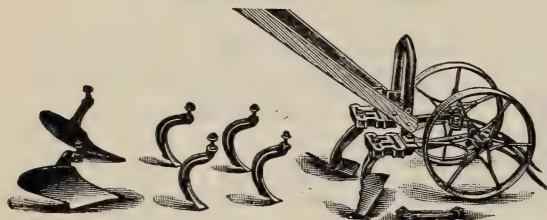
"Planet Jr." Wheel Hoes.



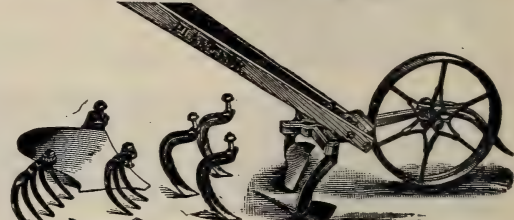
Planet Jr. No. 11 Double Wheel Hoe.



Planet Jr. No. 15 Single Wheel Hoe.



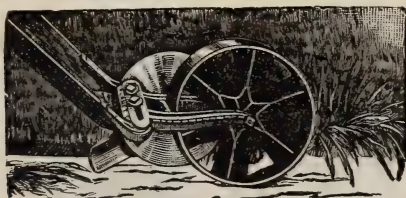
Planet Jr. No. 12 Double Wheel Hoe.



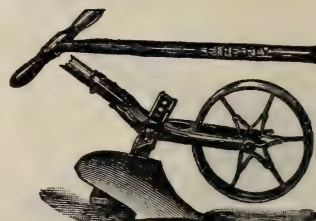
Planet Jr. No. 16 Single Wheel Hoe.

No. 11.	Double Wheel Hoe, complete	\$8.50
No. 12.	" " " less rakes, etc.,	6.50
No. 13.	" " " plain (hoes only)	4.50
No. 16.	Single Wheel Hoe	5.50
No. 17.	" " "	4.75
No. 17 1/2	" " "	4.25

No. 18.	Single Wheel Hoe, hoes only	\$3.25
	Single Wheel Hoe, complete (1896 style)	5.00
	" " " plain (1896 style)	3.00
No. 19.	Double Wheel Hoe, complete	6.50
No. 10.	" " " plain	4.00
	Fire Fly Single Wheel Hoe	4.25



Planet Jr. Grass Edger, \$6.00.



Fire Fly Hand Plow, \$2.25

"PLANET JR." EXTRAS.

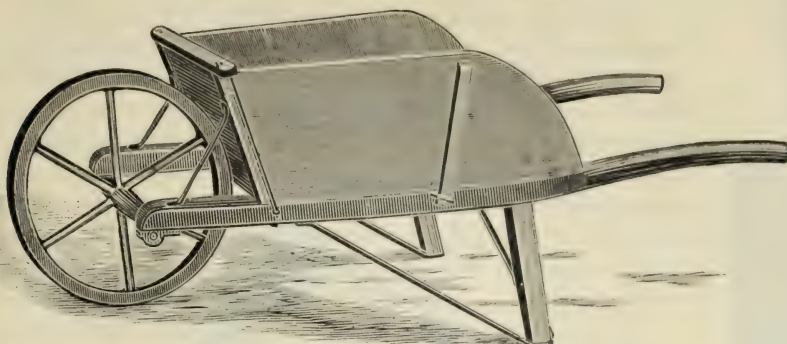
Not included in our special offer.

1 1/4 inch Steels.	\$0.08
1 3/4 " "	.09
2 1/4 " "	.10
3 " "	.11
4 " "	.12
7 inch Shovel Steel.	.25
8 " "	.30
Bolts	.01 1/2
8-inch Sweep and Bolt	.30
10 " " " "	.35
12 " " " "	.40
15 " " " "	.45
18 " " " "	.55
6 " Side Steels, each	.50
6 " Hoe " "	.40

10-inch Hoe Steel	\$0.50
10 " " Furrower	.75
15 " " Furrower	1.10
20 " " with wings	1.75
Ridging Steels, each	1.10
Roller	1.75
Reversed Rake	.80
Pulverizer	2.00
" " for Harrow, special	1.75
Marking Attachment	3.00
Vine Lifter Attachment	1.75
Lever Runner Attachment	2.00
Wheel for No. 5 Horse Hoe	.80
Runner Cutter Attachment	1.75
Universal Cultivator Extension	5.00

Large Descriptive Catalogue of "Planet Jr." Goods Mailed on Application.

Our Special Offer No. 1 (see third page of cover) applies to all Planet Jr. Goods.

WHEELBARROWS.

Eureka No. 2 Boys'	4 Spoke Wheel, painted green	Mfrs. price, \$3.50	Our net price, \$3.25
" " 3 "	4 " " " " "	3.75	" " 3.35
" " 4 Garden	6 " " " " "	4.00	" " 3.50
" " 5 Farm	6 " " " " "	4.50	" " 4.00
" " 6 Extra Large	6 " " " " "	4.75	" " 4.25
Star " 4 Garden	6 " " hardwood, varnished	4.50	" " 4.00

Custom Barrows.

These Barrows are made of the best oak, strongly ironed and heavy braces, bolted, eight spoke wheels and high side boards. The Custom is a stronger and better Barrow than the Eureka and much heavier. Very strong and durable.

Custom Made No. 4 Garden	8 Spoke, painted and striped	Mfrs. price, \$6.25	Our net price, \$5.50
" " 5 Farm	8 " " " "	7.50	" " 6.50
" " 6 Extra Large	8 " " " "	8.50	" " 7.50

Special Contractors' Canal Barrows.

Very strong and durable. Preferable to the regular garden barrows for heavy, rough work.

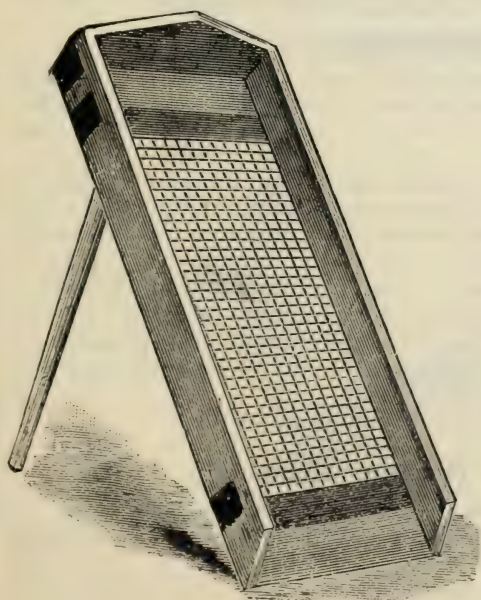
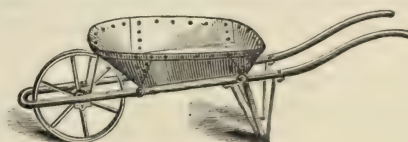
Iron Hub, Wood Wheel, all Bolted	Mfrs. price, \$2.75	Our net price, \$2.25
Patent Steel Wheel, all Bolted	3.00	" " 2.50
Steel Tray, Canal Barrows, capacity, 3 cubic feet	7.25	" " 4.50

Sand, Gravel and Coal Screens.

All wire in these screens is made of the very best Bessemer steel and is drawn to a temper most adapted to wear and stand the longest in the screen. It is an extra heavy grade and the wires double crimped.

The frames are of seasoned oak, strongly made and ironed. The woodwork is done over with a heavy coat of clear raw linseed oil, adding greatly to the preservation of the screen when exposed to the weather. Any size of mesh desired.

With iron leg . . . Our net price, each, \$7.50

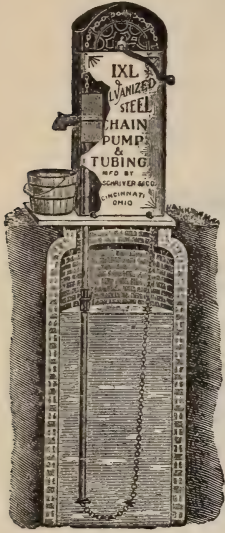
**Steel, Coal and Dirt Barrows.**

The trays of these barrows are made of one piece of steel, of the same thickness throughout. The expense of repairing wooden barrows is greater than the original cost, and the loss of time so increases the expense that the steel barrow is cheaper in the end.

These barrows are made to dump forward, and are so constructed that at the dumping point they will not run back on the operator.

	Mfrs. price	Our net price
Dirt, capacity, 3 cubic feet . . .	\$10.75	\$9.50
No. 6 Coal Barrow, 225 lbs. coal,	15.00	13.50
" 7 " " 300 " "	18.00	16.50
" 8 " " 450 " "	20.00	18.00

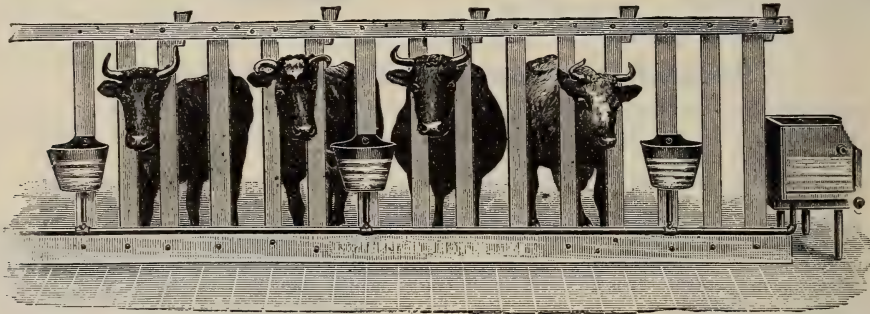
See Special Offers on third page of cover.

I. X. L. GALVANIZED STEEL CHAIN PUMP.

There has never been a better device for raising water from the well than the old-fashioned chain pump with rubber buckets, the only objection to this pump being that it soon wears out and fails to draw the water properly, causing a constant expense for repairs. This is entirely overcome in our new galvanized steel chain pump. This pump compares favorably in price with the wooden one, but in its favor it may be said it is practically indestructible. It is made from No. 24 gauge best galvanized steel, painted with two coats of paint and varnish. The galvanized tubing does not make the water taste, it cannot rust, and will not rot or accumulate filth. This pump is anti-freezing and can be used in wells that are fifty feet deep or under successfully, giving sixteen gallons of water per minute. The buckets in going down carry the air into the well, aerating and purifying the water each time it is used.

I. X. L. Curbs complete.....	Our net price, each, \$5.00
Galvanized Tubing.....	" " per foot, .10
" Couplings	" " " set, .20
I. X. L. Rubber Buckets	" " each, .10
Galvanized Pump Chain.....	" " " foot, .04.

Directions to get proper length of Tubing for Well: Add to whatever the depth of well measures from platform to bottom one more foot of tubing; this will give proper allowance for tubing in curb and the right distance it should hang from bottom. In connecting tubing screw the couplings together tight.

Buckley's Patent Watering Device.**Water in the Stable a Necessity.**

It has come to be regarded as a matter of necessity for the proper caring of stock, while in the stable, that they should have constant access to the water of suitable temperature. The dairyman or cattlebreeder who to-day turns his cows out to the brook or trough to drink is as far behind the age as the farmer who cuts his grass with a scythe or rakes it up with a hand rake.

Buckley's Watering Device is the most practical and economical. There are no troughs in the way, no mangers to be swept out. The iron basins can be kept clean much easier than any form of wooden troughs.

The water being constantly before the stock they drink small quantities often, never overloading their stomachs as when being without water for hours at a time.

The water is of same temperature as the stable, consequently they are never chilled by drinking ice-cold water, and no extra feed is required to raise the temperature to its normal condition. It therefore saves feed.

The above illustration shows the general application of this system, but a brief description will be necessary to demonstrate its **importance, usefulness and simplicity.** On application will mail descriptive catalogue with testimonials, etc.

No. 2 Stanchion Basin with Valve, our net price, each, \$1.50. Not included in our special offers.

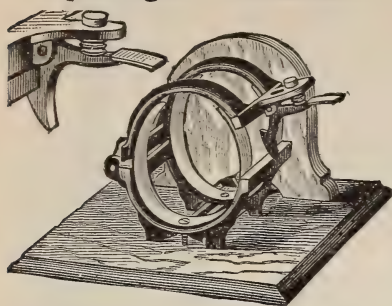
Galvanized Hot-House or Garden Eyes.

Very useful for supporting wires for trellises or in training up vines. Protects wood-work thoroughly.

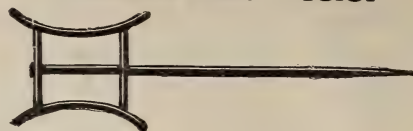
6-inch Our net price, each	\$0.05	10-inch Our net price, each	\$0.08
8-inch " " " "	.06	12-inch " " " "	.10

Above can be sent by mail, see our special offers.

See Special Offers on third page of cover.

Asparagus Buncher.

Our net price, each . . . \$2.50

Garden Line Reels.

Malleable iron, japanned. Our net price, each, \$.75

Braided Garden Lines.

50 ft. Our net price, \$.38 By mail, \$.50
100 " " " .75 " " 1.00

Asparagus Knives.

Round handle (see cut) Our net price, \$.50 By mail, \$.75
Flat " " " .65 " " .90

Trowels.**English.**

6 in., riveted shank Our net price, \$.40
7 " " " " " .45
7 " welded " " " .50
By mail, add 15 cents each.

American.

6 in., or ladies' trowel Our net price, \$.12
7 " " " " " .15
8 " " " " " .20
By mail, add 10 cents each.

Garden Forks, Dibbles and Weeders.

	Our net price.	By mail.		Our net price.	By mail.
Fig. 1. Transplanting fork, English, each,	\$.40	\$.60	Excelsior hand weeder .	each, \$.10	\$.15
Fig. 2. " " " American " .	.15	.25	Fig. 4. Forged steel " .	" .35	.50
Fig. 3. Dibble " .	.50	.65	" 5. Haselton's " .	" .25	.30
" 3. Noyes's hand weeder .	.25	.35	Lang's " .	" .25	.30



Fig. 2.



Fig. 3.



Fig. 4.



Fig. 1.

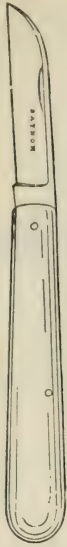


Fig. 5.

Special Offer No. 3 (see third page of cover) applies to unmailable articles on this page.

English Pruning and Budding Knives.

No. 323.



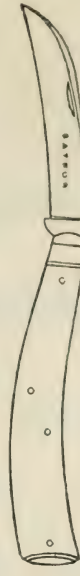
No. 204.



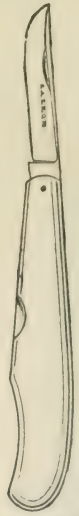
No. 190.



No. 187 BC.



No. 312.



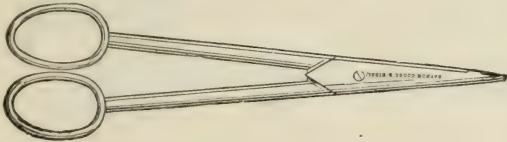
No. 1 NB.

No. 190	Buck handle, large	Pruning	. . .	\$1.40
" 312	"	peach	" . . .	1.25
" 187 BC	"	medium	" . . .	1.25

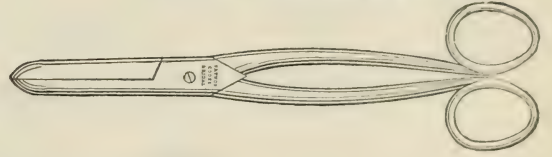
By mail, add for postage 10 cents each.

No. 1NB	Ivory Handle	Budding	. . .	\$1.35
" 323	"	"	" . . .	1.40
" 204	"	"	" . . .	1.50

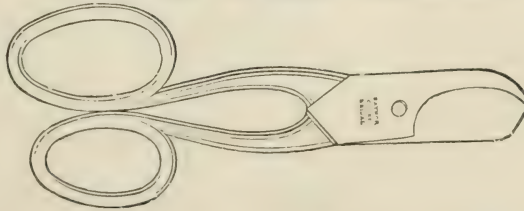
By mail, add for postage 5 cents each.

Vine Scissors.

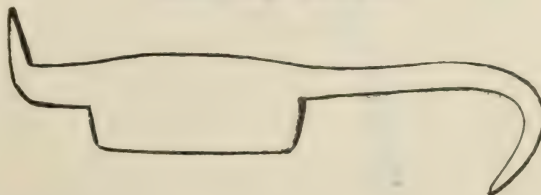
Imported . 6-inch, \$0.85 7-inch, \$1.00 8-inch, \$1.10
By mail, add 10 cents per pair.

Flower Gatherers.

Imported . 6-inch, \$0.90 7-inch, \$1.15 8-inch, \$1.35
By mail, add 10 cents per pair.

Pruning or Bow Scissors.

Pruning or Bow Scissors, imported 4-inch, \$0.50 5-inch, \$0.75 6-inch, \$0.85 7-inch, \$1.00
By mail, add 10 cents per pair.

Grafting Chisel.

Made from the finest forged cast steel

Our net price, \$0.50

By mail add 10 cents each.

See Special Offers on third page of cover.

Pruning Saws.

All kinds. Made from the finest quality steel.

Single Edge	Our net prices, 18-inch, \$0.90	20-inch, \$1.10
Double "	" " 18 " 1.00	20 " 1.20
Adjustable Pole Pruning	Our net price, .75	
Forrest, No. 10, "	" " " " .	1.50
Pruning Saw and Chisel	" " " " .	.90

**"Glyde" Draw Cut Pruners.**

The finest pruning tool made. Hand-forged from the best quality of Shear Steel. Every pair warranted. No. 1 will cut limbs $2\frac{1}{2}$ inches in diameter. Draw or slide cut.

No. 1 Draw Cut, large size	Our net price, per pair, \$2.50
" 2 " " small "	" " " " 2.00

Rockdale Pattern Pruner.

Blades forged from best cast steel, will cut limbs $1\frac{1}{4}$ inches in diameter with ease.	
Rockdale Pattern, 24-inch handles	Our net price, \$0.75
" " 41 "	" " 1.00

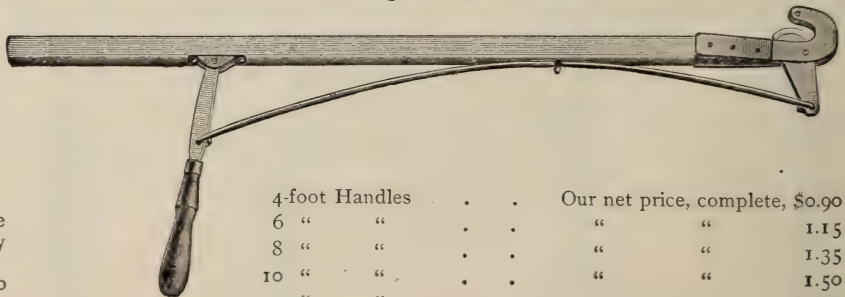
Pruning Shears.

French Wheel Spring	Our net price, 7-in., \$1.25	8-in., \$1.50	9-in., \$1.75	10-in., \$2.00
Taylor Pattern, No. 1 Flat Spring	Our net price, per pair, .40			
" " " 2 Spiral "	" " " " .	" " " " .	" " " " .	.50
" " " 9 Loop Handle	" " " " .	" " " " .	" " " " .	.50
" " " 12 Volute Spring	" " " " .	" " " " .	" " " " .	.50
No. 7347 California Pattern	Our net prices, 8-in., \$1.25 9-in., \$1.50 10-in., 1.75			

By mail, add for postage 10 cents per pair.

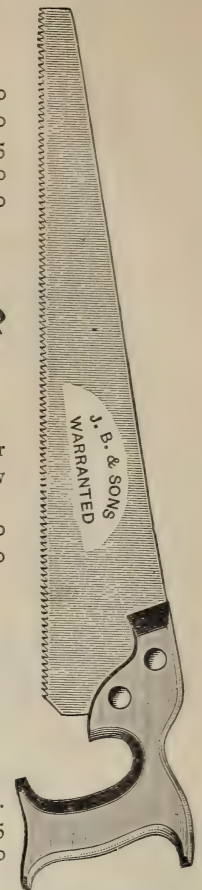
Telegraph Pruner.

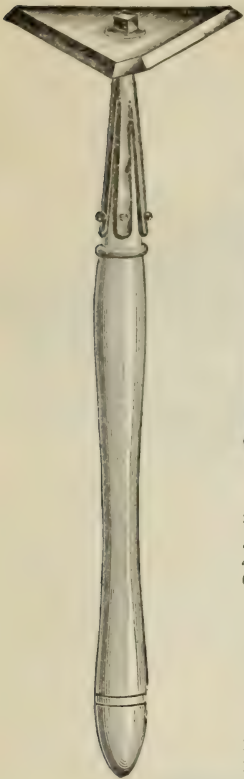
Sold without handles. To be operated with a cord. Any length of handle can be used.
Our net price, each . \$1.50
Extra knives (by mail) .25
" Springs " .25

Waters' Improved Tree Pruner.

4-foot Handles	Our net price, complete, \$0.90
6 " "	" " 1.15
8 " "	" " 1.35
10 " "	" " 1.50
12 " "	" " 1.70
Extra Knives	" each, .20

See Special Offers on third page of cover.

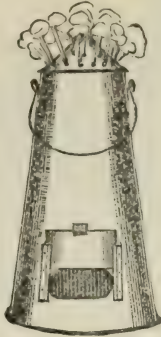
Single Edge
Pruning Saw.Adjustable
Pole Saw.



Tree Scrapers.

Blades fastened by square-head machine bolts; hardwood handles.

No. 10, blade $\frac{1}{4}$ x 5 in.	. . . . .	Our net price, each, \$0.60
" 20, " $\frac{1}{8}$ x 5 "	. . . . .	" " .40



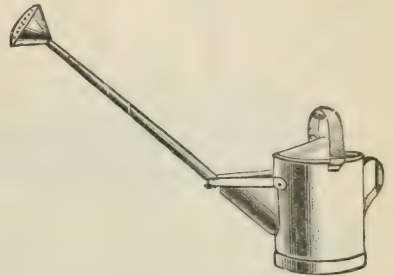
Galvanized Fumigators.

No. 1	Eureka, capacity $\frac{1}{2}$ peck	.	.	.	Our net price, each, \$1.50
" 2	" " I "	.	.	.	" " 2.00
" 3	" " $\frac{1}{2}$ bushel	.	.	.	" " 2.50
" 4	" " $\frac{3}{4}$ "	.	.	.	" " 3.50
" 1	Perfection, small	.	.	.	" " 3.00
" 2	" medium	.	.	.	" " 3.50
" 3	" large	.	.	.	" " 4.00
" 5	" extra large	.	.	.	" " 5.50

Water Pots.

Tin, Painted Green.

2 qt. Our net price, \$.40	8 qt. Our net price, \$.75
3 " " " .50	10 " " " .90
4 " " " .60	12 " " " 1.05
6 " " " .70	16 " " " 1.30



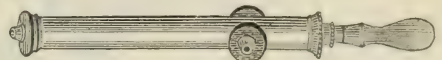
Galvanized Iron.

Regular Pattern.				French Pattern.			
4	qt.	Our net price,	\$1.50	4	qt.	Our net price,	\$1.75
6	"	"	1.75	6	"	"	2.00
8	"	"	2.00	8	"	"	2.25
10	"	"	2.25	10	"	"	2.50
12	"	"	2.75	12	"	"	3.00

Brass Syringes.



No. 5.



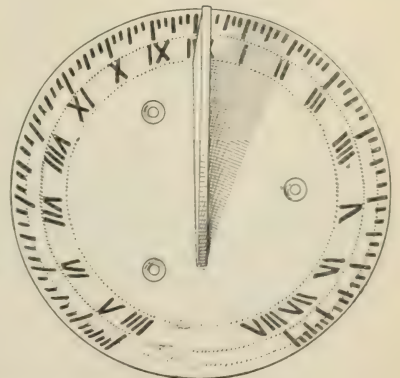
No. 3.

No. A,	one spray rose and jet,	length 12 in.,	diameter 1 in.	.	.	.	.	.	Our net price, each,	\$2.50
" 3,	two " "	cone valves,	length 18 in.,	diameter 1½ in.	.	.	.	.	" "	7.00
" 5,	" " }	" 18	" 1½ "	.	.	.	.	.	" "	9.00
Ladies' two	spray rose and jet, cone									
valves,	side attachments	" 14	" 1 "	.	.	.	.	.	" "	4.00
No. G,	one spray rose and jet, angle joint	" 16	" 1½ "	.	.	.	.	.	" "	5.00
" 1,	one rose may be used straight or	" 16	" 1⅞ "	.	.	.	.	.	" "	4.50
	on side (see cut)									
" 7,	two spray roses and jet,	length 16 in.,	diam. 1¼ in.	.	.	.	.	.	" "	4.00

Sun Dials.

No old fashioned garden was quite complete without its Sun Dial. It is true that in those times clocks were not so common as now, still, the fact that the time of day can be told by the Sun Dial approximately makes it an object of utility and ornament, as well as a curiosity not often seen at the present day. Our Dials are adapted to this latitude, well made and quite accurate.

	Mrs. price.	Our net price.
Iron, painted	per doz., \$18.00	each, \$1.25
Brass composition, finely polished .	" 54.00	" 4.00



See Special Offers on third page of cover.

The "BAY STATE" Wheel Harrow.

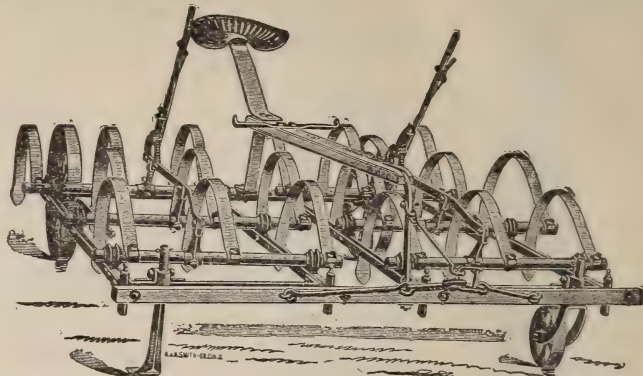
WITH RIDING ATTACHMENT.

THE ONLY HARROW in the market having a Riding or Wheel attachment whereby the harrow is practically independent of the wheel attachment, and when the levers are thrown forward and teeth raised, or when teeth have entered the ground, the frame rests upon the axle and supports attached to it.

OVERCOMES the objections that exist in other Spring Tooth Harrows, and will work in trash, stones and soils where other Harrows fail.

Send for descriptive circulars, mailed free.

Made with 16 teeth, larger sizes to order.

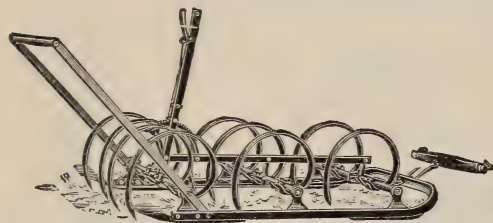


Manufacturer's price, 16 Tooth Harrow complete \$25.00. Our net price \$24.00.

Our Horse Spring Tooth Harrow.

The teeth of this harrow are adjusted by shoes which always give the teeth the proper pitch and regulate them to any depth required. The shoes always keep the frame off from the ground so it is not liable to gather trash and get clogged. In case it does get clogged the levers can be thrown ahead, which raises the teeth above the frame, and thus free the harrow in an instant.

Each harrow has nine teeth and is furnished complete with handles and whiffletree.



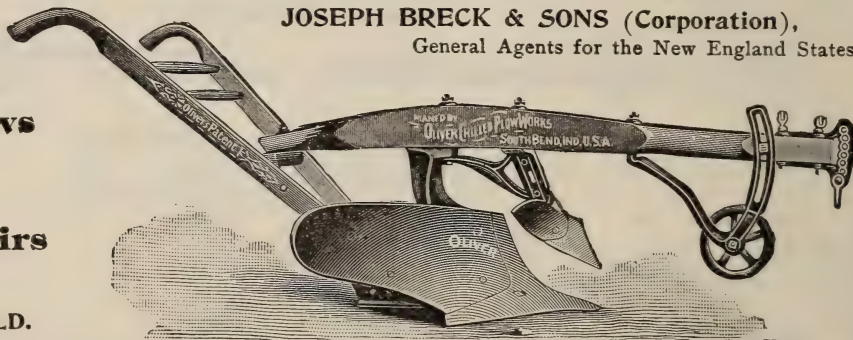
Mfrs. price, each, \$15.00.

Our net price, each, \$12.00

Genuine Oliver Chilled Plows.

JOSEPH BRECK & SONS (Corporation),
General Agents for the New England States.

GENUINE
Oliver Plows
AND
GENUINE
Oliver Repairs
ARE THE
BEST IN THE WORLD.



DESCRIPTION.	Capacity.	Weight.	Plain.	With Wheel.	With Wheel and Joiner or Cutter.
No. A. Light One-Horse	Furrow, 4½ x 8 in.	50 lbs.	\$4.50	\$ 5.25	\$ 6.75
" B. Medium "	" 5 x 10 "	65 "	6.00	6.75	8.25
" 10. Heavy "	" 5½ x 11 "	70 "	7.00	7.75	9.25
" 13. Very Light Two-Horse	" 6 x 11 "	80 "	8.00	8.75	10.25
" 19. Light "	" 6½ x 12 "	100 "	8.50	9.50	11.50
" 20. Medium "	" 7 x 13 "	110 "	9.00	10.00	12.00
" E. Heavy "	" 7 x 14 "	125 "	9.50	10.50	12.50
" 40. Heavy Two or Three-Horse	" 9 x 16 "	130 "	9.50	10.50	12.50

Oliver Hillside or Swivel Plows.

DESCRIPTION.	Capacity.	Weight	Plain.	Complete W. & J.
No. 52. Light One-Horse	Furrows, 6 x 11	100 lbs.	\$10.00	
" 56. Heavy Two-Horse	" 6 x 14	160 "	13.00	\$16.00
" 57. Medium "	" 6 x 13	140 "	12.00	15.00

Beware of imitation plows and extras, claiming to be the genuine Oliver or equally good. The genuine plows and repairs, direct from the factory, are for sale in New England only by us and our authorized agents. All others are spurious, and cannot be relied upon to fit well or do good work.

See Special Offers on third page of cover.

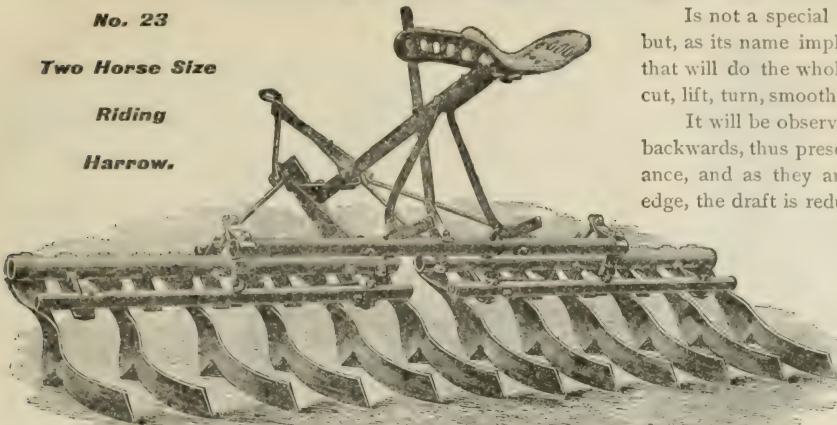
Acme Pulverizing Harrow.

No. 23

Two Horse Size

Riding

Harrow.



Is not a special tool, as some have supposed, but, as its name implies, a general purpose harrow that will do the whole business, viz.: it will crush, cut, lift, turn, smooth and level, all in one operation,

It will be observed that the Coulters all slope backwards, thus presenting the least possible resistance, and as they are beveled and ground to an edge, the draft is reduced to a minimum.

Not included in our special offers.

Our net prices.

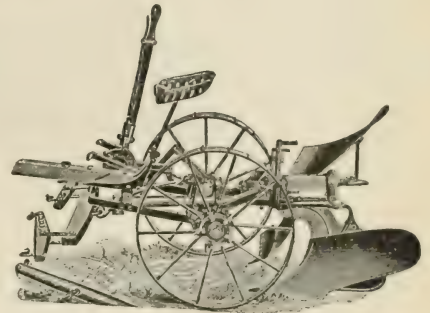
No. 23	6 ft. 6 in. cut,	\$17.00
" 17	6 " 6 " "	16.00
" H	4 " 4 " "	14.00
" G	3 " " "	9.50

National Reversible Sulky Plow.

The National has been especially designed to meet the wants of Eastern farmers, and succeeds not only upon level farms, leaving them without tracks or dead furrows, but is equally adapted to stony, rough side hill farms, turning the land with the slope, and not up the hill, as is the case with all one-way sulky plows.

Neck yoke, evener, whiffletrees which answer for two or three horses abreast, are sent with each plow.

Our net price \$52.50

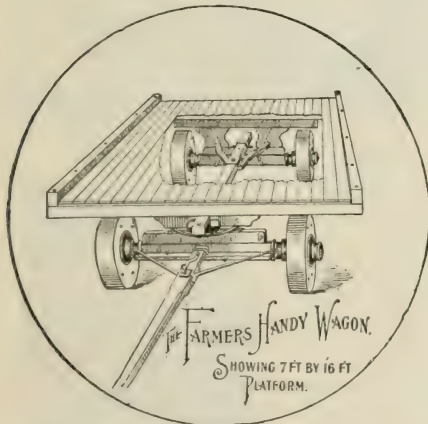


Farmer's Handy Wagon.

All thrifty farmers have for some time felt the necessity for a low-down, wide-tire, short-turning, broad-platform wagon for general use upon the farm. This demand, until the first "Handy Wagon" was built, had never been met. This wagon has been on the market for eight years, and it has reached as high a state of perfection as ingenuity and the criticism of its many users can effect. The No. 9 Farmer's Handy Wagon is the latest, and we believe it to be the best general purpose two-horse farm truck made. It, in connection with our platform, combines all the advantages which are sought in a farm truck.

No. 9 Farmer's Handy Wagon Our net price, \$35.00
Platform Frame for No. 9 6½ x 13 ft. " " 7.00

Complete descriptive catalogue mailed on application.
Not included in our special offers.



The "Model B" Disc Harrow.

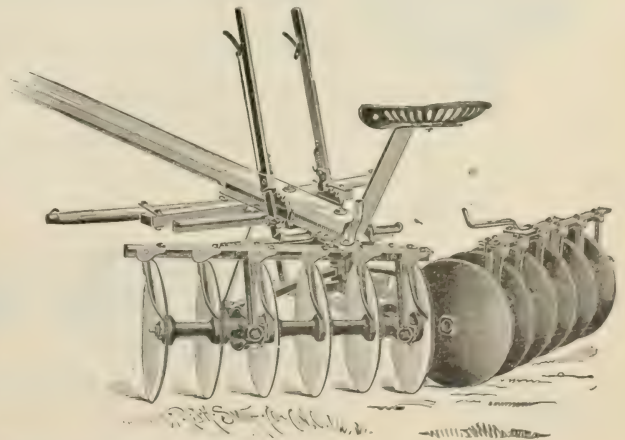
The most practical disc harrow on the market. The bearings are of chilled iron and are fitted with steel balls running against chilled surface to take end thrust of disc gang. Box is cast solid in one piece, and chilled on inside, and is provided with dirt proof oil cups leading into an oil chamber, which effectually lubricates the bearings at all times. Ends of bearings are protected by dust bands one-half inch long at each end.

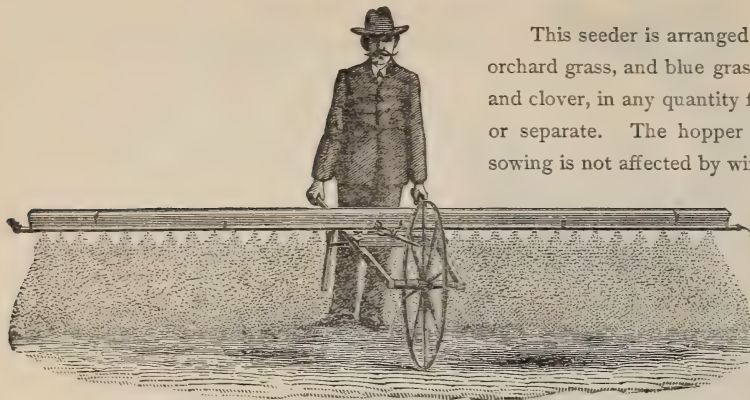
No. 1 Twelve 16 inch discs, cuts 6 feet, complete, with whiffletrees, evener, neck yoke and scrapers.

Mfrs. price, each, \$30.00.

Our net price, \$25.00

See Special Offers on third page of cover.



Thompson Wheelbarrow Grass Seeder.

This seeder is arranged to sow all chaffy seeds such as red top, orchard grass, and blue grass, and all seeds like timothy, hungarian and clover, in any quantity from 6 to 40 quarts to the acre, mixed or separate. The hopper being carried close to the ground, the sowing is not affected by wind.

No. 5 Seeder, complete, with 14-ft. hopper.

Mfrs. price . . . each, \$13.00

Our net price . . . " 9.00

No. 4 Grain Hopper only, to use instead of regular Hopper.

Mfrs. price . . . each, \$6.00

Our net price . . . " 4.00

That spraying pays is the universal opinion of the Agricultural Experiment Station and of dealers who handle all kinds of fruits. With these facts in view, be sure to get the best pump for the purpose.

No. 544	Double Acting Barrel Spray Pump	Our net price, \$10.00
" 790	California Favorite	" " 18.00
" 659	Little Giant	" " 3.00
" 700	Breck's Portable Hand Force	" " 4.50
" 304	Brass Barrel Spray Pump	" " 8.50
" 335	Hydraulic	" " 34.00

Spray Pumps.**Asbestos Torches.**

Save your trees! Destroy the caterpillars. Saturate with kerosene oil, light and hold under the caterpillars' nests, and pass quickly along the branches and around the trunk of the tree where the insects lodge. The great heat instantly destroys the insects, and will in no way injure the trees.

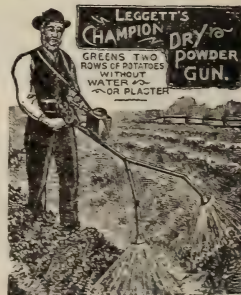
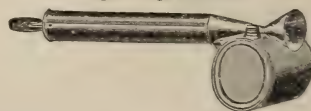
Net price, \$0.50 By mail, \$0.60

Dry Powder Guns.

The distribution of the powder can be so easily regulated that a half pound or a pound of pure Paris green or London purple may be evenly distributed over an acre of potatoes.

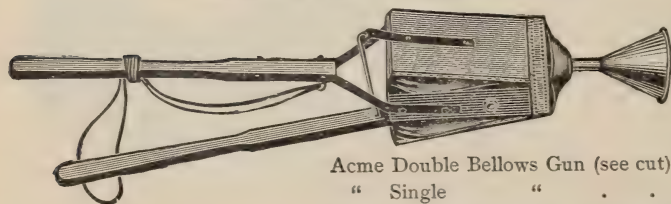
Champion . Our net price, \$7.50

Little Giant. Our net price \$5.00

**Sprayers.**

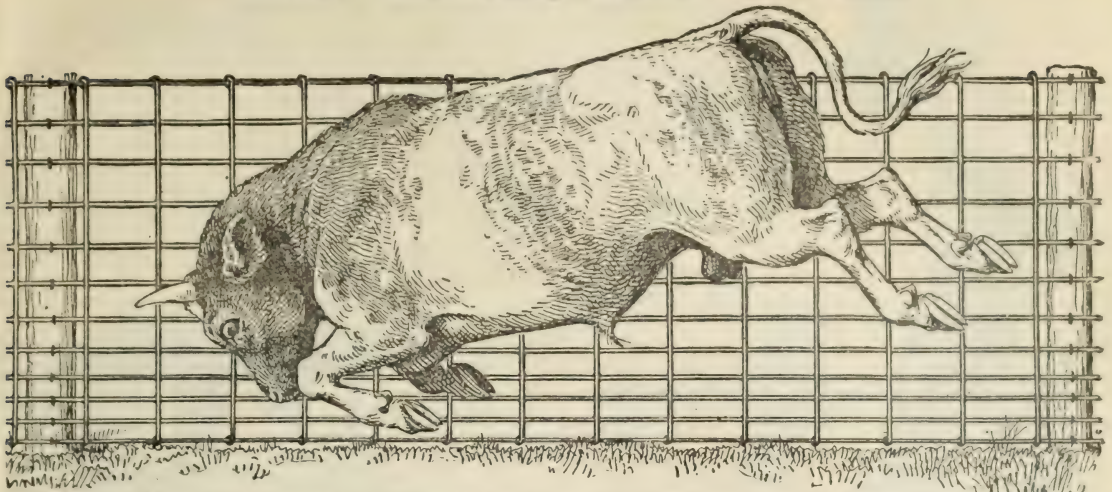
All Tin . . . Our net price, each, \$0.50
" Brass . . . " " " 1.00

For distributing Paris green and other powders. The double bellows gun delivers a continuous stream.

Acme Potato Gun.

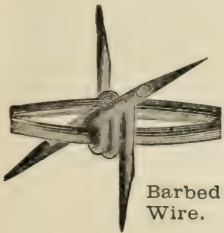
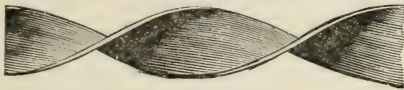
Acme Double Bellows Gun (see cut) Our net price, each, \$2.00
" Single " " " " 1.00

See Special Offers on third page of cover.

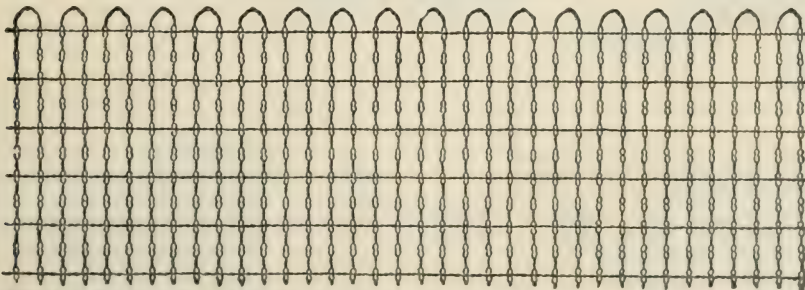
"Clinton" Electrically-Welded Wire Fence.

You cannot fence your property more effectively and cheaply than with wire, and after examining the various styles of fence made from it, you will be convinced that our patent "Clinton" Electrically-Welded Fence is ahead of all competitors. The following are a few of our standard styles only. Descriptive circulars giving full information mailed free.

	Our Net Price.		Our Net Price.
12 bars, 58 inches high, Standard, per rod	\$1.16	8 bars, 30 inches high, Standard, per rod	\$0.79
10 " 52 " " " " "	1.00	6 " 34 " " " " "	.67
8 " 45 " " " " "	.84	4 " 22 " " " " "	.49

Wire Fencing.**Barbed Wire.****Ribbon Wire.****Plain Twisted Wire.**

Barbed Wire, Regular, 4 point, or thick set		Our net price per lb.	\$0.05
(1 lb. measures about 15 feet.)			
Plain Twisted Wire, 1 lb. measures about 16 feet		" " "	.05
Ribbon Wire, 1 lb. " " 12 "		" " "	.06
Staples for attaching above		" " "	.05

Union Lawn Fence.

For Lawns, Division Fences, Churches, Cemeteries, etc., stronger, neater in appearance and less expensive than unsightly wood fence.

STANDARD FENCE.

Pickets 2 1/2 in. apart.

	PRICE.
24 in. high, 4 strands, per lineal foot	\$0.10
30 " 5 " " " " " . . . . .	.12
37 " 6 " " " " " . . . . .	.14
42 " 7 " " " " " . . . . .	.17
50 " 8 " " " " " . . . . .	.20

CLOSE MESH FENCE.

Pickets 1 3/4 in. apart.

	PRICE.
24 in. high, 4 strands, per lineal foot	\$0.15
30 " 5 " " " " " . . . . .	.18
37 " 6 " " " " " . . . . .	.21
42 " 7 " " " " " . . . . .	.24
50 " 8 " " " " " . . . . .	.27

Standard Rolls, 300 feet. Special lengths made to order.

Also Posts, Gates and Fittings for Union Lawn Fence, and several styles of Field, Farm and Park Fencing. Catalogues and estimates on application.

Not included in our Special Offers. Special prices for large quantities or for export.

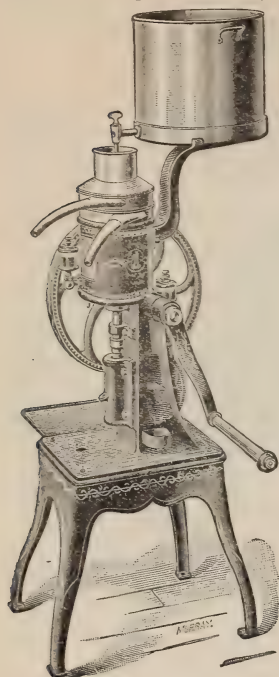
De Laval Cream Separators.
(“Alpha” or “Disc” Bowl Type.)

The purpose of the Cream Separator is the quick and complete separation of cream from milk in the most practical and profitable manner possible.

The number of De Laval machines in use now nearly approaches 200,000 and their use and prestige and conceded superiority are world-wide.

Crank Humming Bird, capacity, 225 lbs.						Our net price, \$ 65.00
Improved Baby No. 1,	“	325	“	“	“	100.00
“ “ “ 2,	“	450	“	“	“	125.00
“ “ “ 3,	“	850	“	“	“	200.00

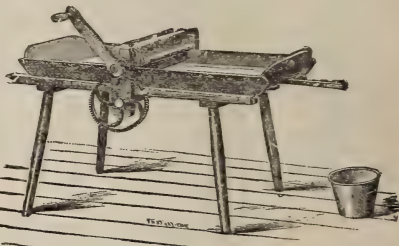
Not included in our special offers. Catalogue mailed on application.

**Butter Workers.****Waters'**

No. 0	“	“	“	Our net price, \$ 6.00
“ 1	“	“	“	“ “ 7.00
“ 2	“	“	“	“ “ 8.00
“ 3	“	“	“	“ “ 9.00
“ 4	“	“	“	“ “ 10.50

Reid's

No. 1	“	“	“	Our net price, 8.00
“ 2	“	“	“	“ “ 6.50
“ 3	“	“	“	“ “ 5.50
“ 4	“	“	“	“ “ 5.00

**Churns.****Stoddard Barrel Churns.**

No.	Capacity	Churns from	to	4 gal. cream	Mfrs. price.	Our net price.
No. 1	10 gal.	churns from	1 to	4 gal. cream	\$ 8.00	each, \$ 7.00
“ 2	15	“	“	“ “ 7	9.00	“ 8.00
“ 3	20	“	“	“ “ 9	10.00	“ 9.00
“ 4	25	“	“	“ “ 12	12.00	“ 10.75
“ 5	35	“	“	“ “ 16	14.00	“ 12.50
“ 5½	45	“	“	“ “ 20	17.00	“ 15.00
“ 6	60	“	“	“ “ 28	20.00	“ 18.00

Blanchard Churns.

No.	Capacity	Will churn up to	2 gal. of cream	Mfrs. price.	Our net price.
No. 3	Will churn up to	2 gal. of cream		\$ 6.00	each, \$ 5.00
“ 4	“	“ “ 4	“	7.00	“ 6.00
“ 5	“	“ “ 8	“	8.00	“ 7.00
“ 6	“	“ “ 12	“	10.00	“ 9.00
“ 7	“	“ “ 16	“	12.00	“ 11.00

Cylinder Churns.

No.	Capacity	Mfrs. price, each,	Our net price, each,
No. 0	1¾ gals.	\$2.25	\$1.50
“ 1	2¾ “	2.50	1.75
“ 2	4 “	3.00	2.25
“ 3	7 “	3.50	2.75
“ 4	10½ “	4.00	3.00
“ 5	15 “	4.50	3.25

Nova Scotia Grindstones.

Only the most carefully selected Bay de Chaleur stones are used. Best quality hardwood frames.

Our net prices.

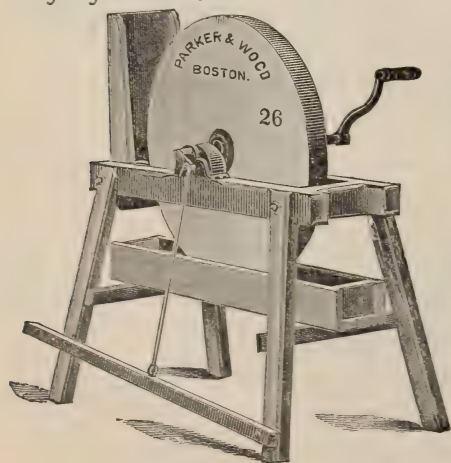
20 in.	22 in.	24 in.	26 in.	28 in.	30 in.	32 in.	34 in.	36 in.
\$7.20	\$7.65	\$8.10	\$8.55	\$9.00	\$9.45	\$9.90	\$10.80	\$11.70

Scythes.

Breck's "Victor," warranted	Our net price, each, \$1.25
High Grade, solid steel	“ “ 1.00
Sibley Clipper	“ “ .75
Heavy Bush	“ “ .75
Weed, or Bramble	“ “ .75

Hay Rakes and Scythe Snaths at lowest prices.

See Special Offers on third page of cover.



Cattle Stanchions.

Breck's Improved Swing Stanchion.

This Stanchion gives the cattle the greatest amount of freedom compatible with stabling. Their extreme simplicity renders it easy to operate and put them up. Any farmer can put them in position, and they will last a lifetime, as there is nothing to break or get out of order. Our net price, each . . . \$1.25
Descriptive circulars mailed free.

Descriptive circulars mailed free.

Newton Ties, complete, any size	. . .	Our net price, each, \$1.70
36 inch, regular size.	32 inch, special size.	24 inch, calf size.
Chain Hanging Stanchion. No. 1.	Size for	
Cows, complete, ready to hang	. . .	Our net price, each, 2.00
Chain Hanging Stanchion. No. 2.	Size for	
Oxen, complete, ready to hang	. . .	" " 2.50
Chain Hanging Stanchion. No. 3.	Size for	
Bulls, complete, ready to hang	. . .	" " 3.75
Prescott Swinging Swivel Stanchion for cows	. . .	" " 1.75
" Plain	" " .	" " 1.35
" " " for bulls	. . .	" " 2.50

Stanchions not included in our Special Offers.



Rice's Calf Weaner.

For preventing calves and cows sucking themselves or each other. The only weaner made giving perfect freedom to the animal.

No. 1, for calves, each, \$0.30
No. 2, 1 to 2 years " .50
No. 3, for full grown .75
By mail, No. 1, 35 cents; No. 2, 56 cents; No. 3, 85 cents.

Milking Tubes.



White Metal Plated.

No. 1, or common size, each,	\$0.25	Five for \$1.00
No. 2, longer . . . . .	.35	Four for 1.00
No. 3, longest . . . . .	.45	Three for 1.00
Full set, one of each size . . . . .	.	Per set 1.00
Solid coin silver (see cut) each,	.75	

Sent by mail, postage paid, on receipt of price.

Genuine Swiss Cow Bells.

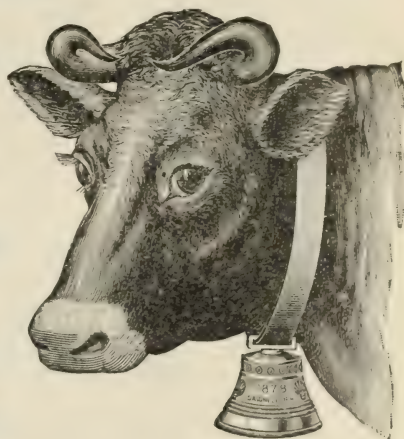
Can you imagine a prettier rural scene than the sight of a herd of cows as they come trooping home from the pasture at the close of a summer's day, with the favorite heifer, the pride of the herd, leading? Don't you think she deserves to be adorned with a bell, one worthy the name.

Tuned to Accord, with Straps.

One each, 4, 5, and $6\frac{1}{4}$ inch Our net price, per set, \$4.00

Not Tuned and Without Straps.

Our net price, each . 4 inch, \$0.70 5 inch, \$1.20 6¼ inch, \$2.00



Bull Rings.

Copper, 2 in., best quality	. . . . .	Each, \$0.35
“ 2½ “ “	. . . . .	“ .40
“ 3 “ “	. . . . .	“ .45
Bronze metal, 3½ in., extra heavy	. . . . .	“ 1.25

Sent by mail, postage paid, on receipt of price.

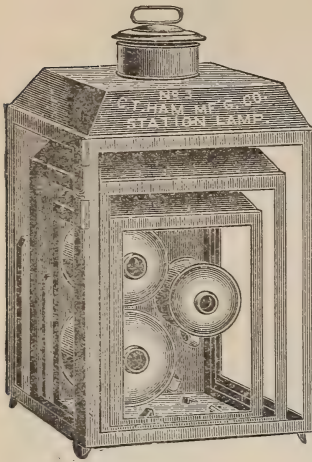


Stable Fittings.

Cast Iron Corner Manger, 17 x 17	.	.	Our net price	\$1.75
" " " 14 x 14	.	.	" "	1.50
Slow Feed " " 17 x 17	.	.	" "	1.50
Salt Dish, 6 x 8 . . . .	.	.	" "	.90
" 8 x 10 . . . .	.	.	" "	1.00
Corner Hay Rack, cast iron . . .	.	.	" "	1.75
" " " wrought iron . . .	.	.	" "	1.60
Stall Collar, cast iron . . . .	.	.	" "	1.75
Whip Rack, for five whips . . . .	.	.	" "	.50
Stable Gutter, heavy, per foot . . .	.	.	" "	.60
Wire Partition Guards, per square foot . . .	.	.	" "	.60
Water Trough, with overflow, 25 x 13 x 12 .	.	.	" "	11.00
Sponge Rack, 14 x 6 x 6 . . . .	.	.	" "	1.50

Complete catalogue of Stable Fittings mailed on application.

See Special Offers on third page of cover.



Stable or Piazza Lamps.

Each lamp is complete with fount, burner, chimney and reflector. Cannot be extinguished by wind or draughts. Very nice for exposed places.

No. 1	8 x 10 inches,	5/8 inch wick	Our net price	\$2.40
" 2	10 x 12 "	1 "	" "	2.75
" 3	11 x 15 1/2 "	1 "	" "	3.00

Carriage Jacks.

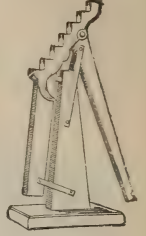
Prescott—(See cut).

No. 1	Standard, light carriages	Our net price, \$1.00
" 2	" " wagons	" " 1.50
" 3	" heavy "	" " 1.75

New Samson.

For all kinds of heavy Trucks, Fire Engines, etc. Strongest Jack made. Lowers automatically. Made of the best quality malleable iron.

No. 5	Will raise vehicles weighing 6 tons.	Weight 25 lbs.	\$5.00
" 6	" " " 8 "	" 28 "	7.00



Horse Mowers, Rakes and Tedders.

Our limited space does not permit of a lengthy description of this class of machinery. We are agents for the celebrated Worcester Buckeye Mowers, Worcester Horse Rakes and Bullard Tedders. While the prices at which these machines are sold are a trifle higher than those asked for Western makes, it must be borne in mind that these machines cost more, as they have to be built heavier and of the very best material, for use on our New England farms, consequently, after ten years of service they are practically as good as new, while the Western machines are worn out or are costing an exorbitant price for repairs. Descriptive circulars and prices on application.



Hay Carrier Outfits.

The rapidity with which the hay crop is made ready for storing renders it necessary to provide means for handling it quickly in the barn. This is done by the use of a Hay Carrier system, which is easily put into any barn and at a reasonable price.

Estimates furnished on application. In inquiring for prices, please state if wood or steel track is wanted, length of barn, number of rafters, height from pole to ridgepole, and send rough sketch of barn showing location of doors and bays.

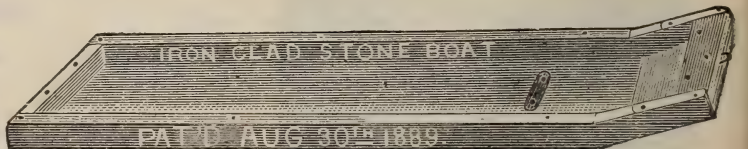
Descriptive circulars mailed free.

Steel Clad Stone Boat.

No more aching backs. Own a stone boat and take life easy.

Made from white oak or maple planks. Bent part, No. 11 sheet steel.

Two-horse, 7 1/4 ft. x 30 in.	Our net price.
One " 6 " x 28 "	\$7.00
	6.00



Cider Mills.

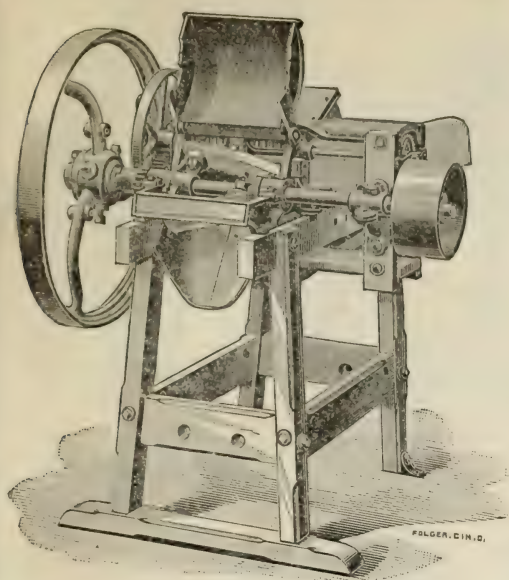
Our cider mills are made from best material and all different capacities suitable for all wants up to the custom mills.

Hutchinson No. 0, capacity 1/2 bbl. per day,	our net price	\$ 9.50
" " 1, " " " " " "	" " " "	11.50
Junior Monitor " 1 to 3 bbls. " " " "	" " " "	15.00
Medium " " 3 " 5 " " " " "	" " " "	19.00
Senior " 1 crank 6 " 10 " " " " "	" " " "	22.50
" 2 " 6 " 10 " " " " "	" " " "	26.00

Catalogues of Power Mills and Presses on application.

See Special Offers on third page of cover.





Ross Ensilage and Fodder Cutters.

For 50 years the Ensilage and Fodder Cutters built by the E. W. Ross Co., of Springfield, Ohio, have stood ahead of all others for effectiveness, durability and quality. Many improvements have been made, and at the present time there does not seem to be a great deal of room for further improvement. They are built in all sizes, from the small hand machine to the immense machines requiring 10 to 15 horse power to run them, and having a capacity of 35 tons of ensilage per hour. Be sure to see them before purchasing.

Cutters at all prices ranging from \$4.00 to \$500.

Descriptive catalogue mailed on application.

Green Mountain Silos.

The silo is beyond the experimental stage, and is recognized to-day as the best investment in reach of the farmer. It has been demonstrated that it will yield larger dividends and pay for itself quicker than almost any other practical aid to successful farming. A silo will increase by 20 per cent. yearly the profit on each milch cow wintered. It will store 4,000 pounds of net food in

silage in the same space that would be required for 1,800 pounds in hay or corn fodder. Silage is cheaper to prepare, cheaper to store and insure than hay or corn fodder, and it is without question the best dairy food known. You know that the nearer the nature of the winter's feed to the cow approaches that given in the summer, the nearer will the winter's flow of milk equal that obtained in the summer. Ensilage is the greatest milk producing winter ration that can be fed, and butter experts say that the best butter is obtained from silage fed cows. Have you a silo? If not, you certainly need one, and the sooner you buy the better off you will be. We are putting the knowledge and experience obtained in twenty-five years into the making of "THE GREEN MOUNTAIN," a round stave silo which we think is the equal, if not the superior, of any now on the markets. Our system of open front and doors we think is superior to all others in points of convenience and effectiveness.

If you are interested in the silo question, we have a catalogue giving silo facts and comparisons, and listing sizes, which we will be glad to mail you on application.



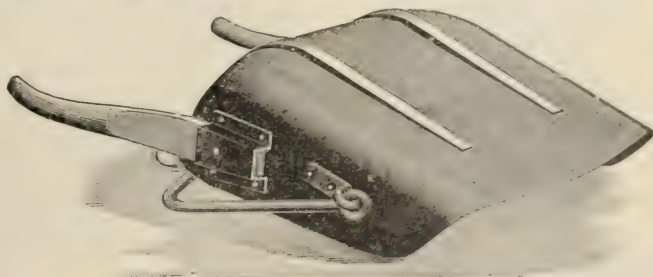
The Green Mountain Silos are perfect in construction, only the very best material being used.

Not included in our Special Offers. Correspondence solicited.

Solid Steel Drag Scrapers.

These scrapers are made from heavy plates, of specially hardened steel, and are stamped from one sheet without joint, seam or rivet. The bowl, owing to the sharp, rounded nose, will enter the ground more readily than any other scraper. We guarantee this scraper in every particular.

No. 1,	capacity	7 cu. ft.	Our net price,	\$8.00
" 2,	"	5 "	"	7.50
" 3,	"	3 "	"	7.00



See Special Offers on third page of cover.

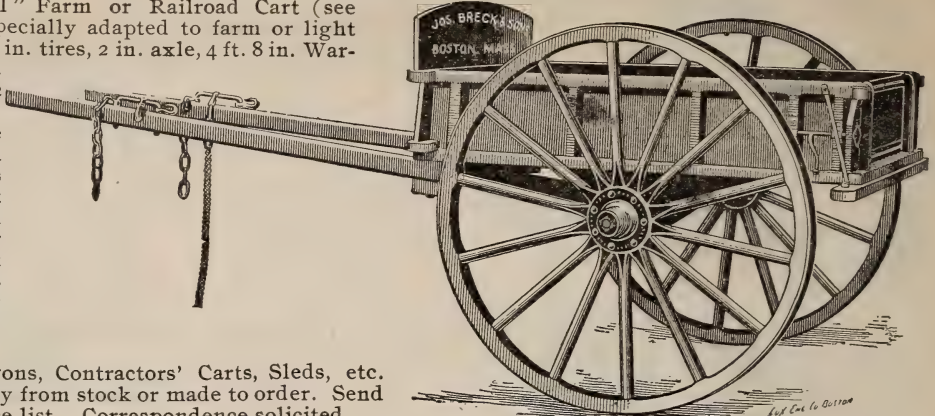
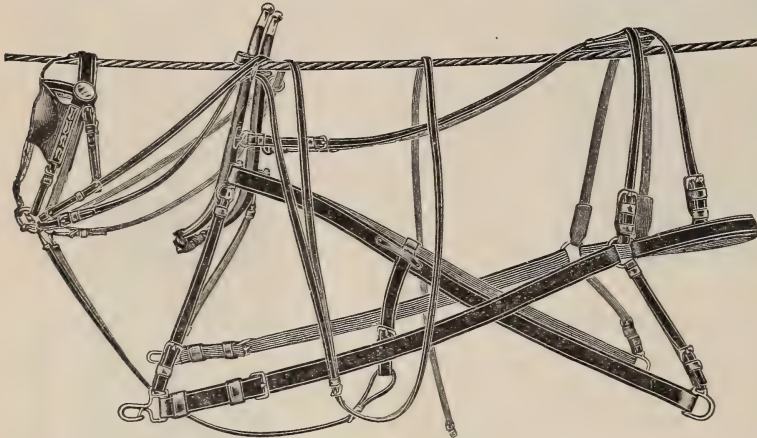
BRECK'S "SPECIAL" FARM OR RAILROAD CART

Breck's "Special" Farm or Railroad Cart (see illustration) is especially adapted to farm or light contract work. 4 in. tires, 2 in. axle, 4 ft. 8 in. Warner hub wheels. Capacity 22 cubic feet.

Nothing but the best material, both wood and iron, is used. Each cart is well painted and we can assure our customers that they compare favorably with any offered in New England.

N.B. Farm Wagons, Contractors' Carts, Sleds, etc. furnished promptly from stock or made to order. Send for illustrated price list. Correspondence solicited.

Farm or Railroad Cart,		Mfrs. price each, \$75.00	Our net price, each, \$60.00
Shifting sides for same		set, 6.00	set, 5.00

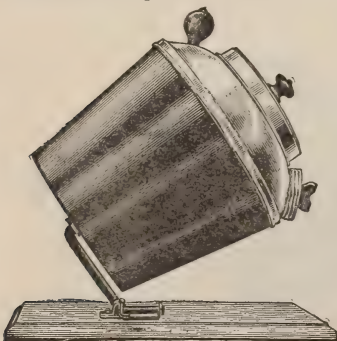
**OAK TANNED LEATHER HARNESS, STRICTLY HAND MADE**

We offer an excellent line of harness, made expressly for us in large quantities at very low prices, quality being considered. These are not the cheap machine sewed harness that generally give out during the first rain storm they are used in, but a plain, well finished, strong, hand sewed article, that we guarantee to be exactly as represented. Any style of harness built to order promptly and at a reasonable price.

BRECK'S EXTRA DOUBLE TEAM HARNESS.

Our net price.		Our net price.	
Special Cart Harness, complete, less collar .	\$26.00	Collars, extra quality, all sizes, each . . .	3.00
Extra Double Team Harness, less collars .	52.00	Sweat Pads, all sizes, each . . . . .	.40
Double Farm Harness, complete, less collars .	42.00	Hame Straps, common, 20 inch, each . . .	.25
Single Driving Harness	24.00	" " extra, 1 1/8 x 24 inch, each . . .	.30
Single Express Harness	32.00	" " " 1 1/8 x 30 " " . . .	.35

In addition to the foregoing we carry in stock a complete assortment of Trace, Whiffletree, Stake, Back, Breast and Tailboard Chains, Back and Belly Bands, Hames, Halters, Tie Ropes, Stake Irons, Wire Cushions, 3 Bow Tops, Umbrellas, etc., at lowest market prices.

**"IDEAL" ICE CREAM FREEZER.**

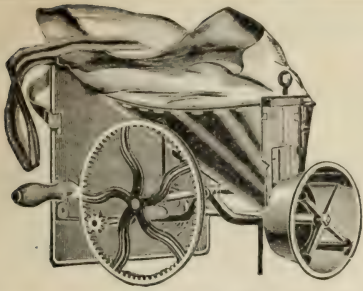
Will make Ice Cream in less than three minutes.

The "Ideal" freezer can be used in any kitchen, dining room or parlor without soiling linens, carpets or furniture. With this freezer one can freeze again and again until all the ice in the freezer is consumed. Any quantity of ice cream from one pint to one gallon can be made and the process repeated as often as necessary to supply any reasonable number of people without renewing ice or cleansing can. The ice receptacle is air tight and thereby retains the cold for an unusual period, giving the greatest economy in the matter of ice.

Satisfaction guaranteed or money refunded.

Mfrs. price, per doz.	\$42.00	Our net price, each, \$3.50
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See Special Offers on third page of cover.



CAHOON'S BROADCAST SEED SOWER.

The acknowledged superiority of these machines over all others has already placed them in the front rank of labor saving agricultural implements. A saving of four-fifths of the labor and one third of the seed is effected by their use, and a person entirely unused to sowing by hand can use this machine with perfect success. **Sows from 4 to 8 acres per hour** at a common walking gait, throwing out wheat about forty feet wide.

Our net price, each, \$4.50

NEVER SLIP WIRE STRETCHER.



Our net price, \$1.00 each.

If you cut or injure the galvanizing on a wire it lets in rust. Consequently the wire is weakened and breaks at this point. The **Never Slip** stretcher has an iron jaw, but no teeth. When it gets a hold it never lets go, but hangs on with a deathlike grip to all kinds of wire.

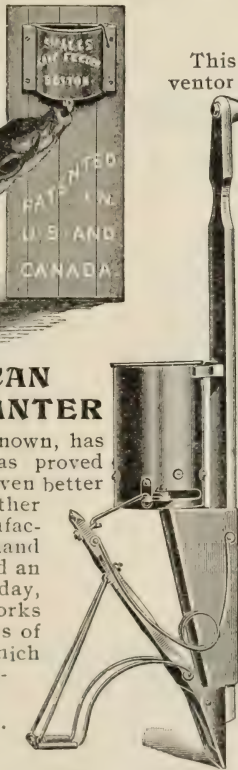
ONE OF THE FEW
**GOOD THINGS
ADVERTISED.**



THE AMERICAN HAND CORN PLANTER

This planter is better known, has reached a larger sale, has proved more popular, and has given better satisfaction than any other hand planter ever manufactured. Operates with one hand as fast as one can walk, and an operator can plant in one day, from eight to ten acres. Works in all kinds and conditions of soil, and is the only one which insures an accurate and reliable seeding.

Our net price, each, \$2.00.



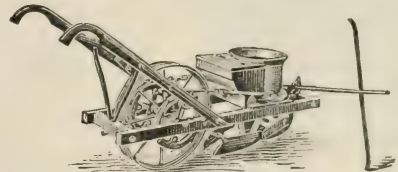
SMALL'S CALF FEEDER.

This article was designed and has been perfected by the inventor for feeding milk to young calves in a natural way before they are old enough to eat and drink otherwise.

Our net price, each \$2.50

Extra nipples by mail 25c. each, five for \$1.00.

KING OF THE CORN FIELD CORN PLANTER.



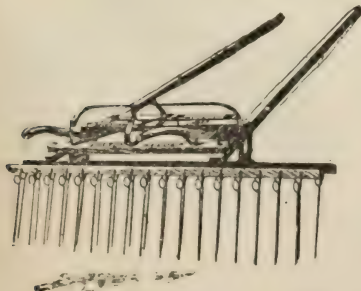
Plants all kinds of corn, beans, peas, beets and other seeds of similar size. Also fertilizer in hills or drills as desired. Send for circular.

Mfrs. price, \$30.00. Our net price, \$25.00.

White Mountain Ice Cream Freezer.

Our net prices.

2-qt. \$1.91	10-qt. \$6.47
3 " 2.35	12 " 7.70
4 " 2.90	15 " 9.35
6 " 3.86	20 " 12.65
8 " 4.82	25 " 15.40



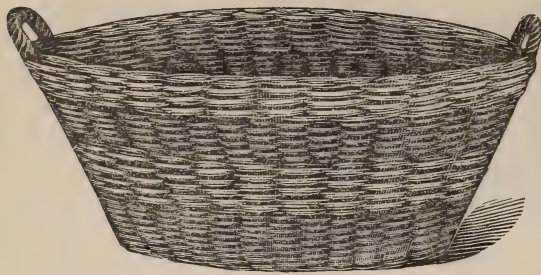
WHITMAN ADJUST- ABLE WEEDER.

This weeder differs materially from all others, it having a lever adjustment that by simply turning a handle nut, the teeth can be instantly adjusted from a vertical position to any inclination desired, if necessary, without stopping the horse.

Mfrs. price, \$12.00 each. Our net price, \$8.00 each

For complete catalogue of Agricultural Hardware, Implements and Machines, Woodenware, etc., and how to obtain it, see page xiv.

See Special Offers on third page of cover.



Clothes Baskets.

	Small.	Medium.	Large.	Extra large.
Oval Willow	\$0.55	\$0.65	\$0.75	\$1.00
Round Willow	.75	.85	1.00	
Oval Rattan	1.25	1.35	1.50	
Round Rattan	1.15	1.35	1.50	

Also oblong and round ash Clothes Baskets. Price on application.

Clothes Washers.

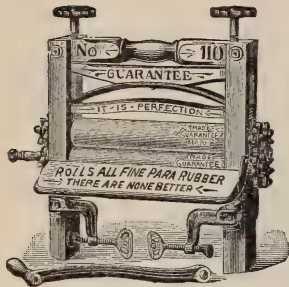
Our Vandergrift Rotary Washer and the Pan-American Washers are guaranteed to be perfect in every respect. If they do not prove all we claim for them, they can be returned and the money paid refunded. All we ask for is a trial.

Vandergrift Rotary Washer (see cut).	Our net price each	\$8.00
Pan-American	" " "	5.00



Clothes Wringers.

		Our net price.
No. 110 Bicycle ball bearings	10x1 3/4 in. rolls	Each, \$3.75
" 111 " "	11x1 3/4 " "	" 4.50
" 112 " "	12x1 3/4 " "	" 5.25
" 110 New Era " "	10x1 3/4 " "	" 3.25
" 110 Guarantee (royal style)	10x1 3/4 " "	" 4.50
" 110 Riverside (novelty or universal style)	10x1 3/4 " "	" 2.50
" 110 Lexington (rival or household ")	10x1 3/4 " "	" 2.00
" 110 Grand (challenge style)	10x1 3/4 " "	" 1.50
" 22 Swan, Iron Frame,	10x1 3/4 " "	" 3.00
" 2 Diamond, Iron Frame,	10x1 3/4 " "	" 1.35
" 110B Hartford (household style) rolls	10x1 3/4 Bench Wringer	" 3.50
" 112B " "	12x1 3/4 " "	" 4.50



Breck's Outside Clothes Dryers.

I. X. L.	No. 45 (see illustration)	110 ft. line	Japanned trimmings	Our net price.
"	" 46	"	150 "	Each, \$3.50
"	" 49	"	110 " galvanized	" 4.00
"	" 50	"	150 " "	" 4.25
				" 4.75

Bay State Outside Clothes Dryer.

Bay State Cedar Post, Arms 8 to 10 feet long. Painted green, each, \$5.00.



Haseltine's Moth Catcher.

Great new invention. Protects orchards, fruits and berries, tobacco, cotton, corn, tomatoes, melons, squashes, cucumbers, etc.

It is cheaper and better than spraying. No fruit grower, farmer or gardener can afford to be without it. This Moth Catcher destroys the moth that injures the honey and bees, so that anyone who desires can keep an apiary with this trap. This trap kills all the pests. No one raising fruit, apples, pears, peaches, plums, etc., or tomatoes, tobacco, sweet corn, cabbage, cucumbers, squashes, pumpkins, melons, cotton and bees, can afford to be without this great device to make perfect fruit, crops, etc.

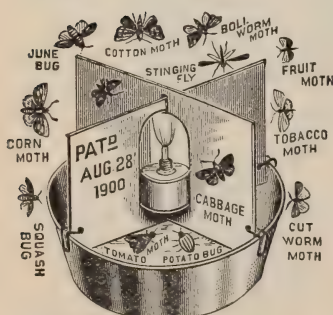
Positively no poison to kill man or beast, which has so often happened by spraying with poisons.

Try the Moth Catcher for yourself and destroy the enemies of your crops and you will be convinced by the perfect fruit and vegetables raised.

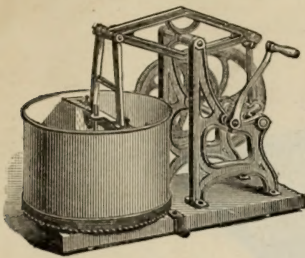
Small size, complete	\$0.85.	By mail	\$1.10
Large " "	1.00.	" "	1.40

Descriptive circulars, testimonials, etc., mailed on application.

See Special Offers on third page of cover.



S.A. HASELTINE'S
MOTH CATCHER



American Meat Chopper.

For chopping fruit, vegetables and any material of a similar nature, as well as meat, the American Chopper is unexcelled.

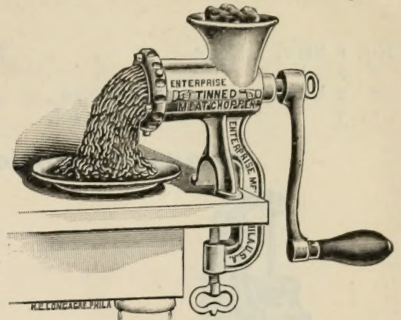
No. 1	8 in. cylinder, chops	2 lbs. in	3 minutes	Our net price.
" 2	10 " " " " " "	5 to 6 " "	3 " " " " "	each, \$ 4.50
" 3	12 " " " " " "	8 to 10 " "	4 " " " " "	" 6.25
" A	12 " " " " " "	8 to 10 " "	4 " " " " "	" 9.00
" 4	15 " " " " " "	50 to 60 " "	60 " " " " "	" 10.75
" D	18 " " " " " "	60 to 80 " "	60 " " " " "	" 22.50
" 5	20 " " " " " "	80 to 100 " "	60 " " " " "	" 45.00
				" 54.00

Enterprise Meat Choppers.

All Enterprise Choppers thoroughly tinned.

No. 2	1 lb. per minute	Our net price.
" 4	1 1/2 " " " " " "	each, \$ 1.35
" 6	2 " " " " " "	" 1.75
" 8	3 " " " " " "	" 2.60
" 5	1 " " " " " "	" 3.80
" 10	2 " " " " " "	" 1.80
" 12	2 " " " " " "	" 2.85
" 20	3 " " " " " "	" 2.37
" 22	3 " " " " " "	" 4.75
" 32	4 " " " " " "	" 3.80
" 42	5 " " " " " "	" 5.70
		" 14.25

Descriptive catalogue of Enterprise goods mailed on application.

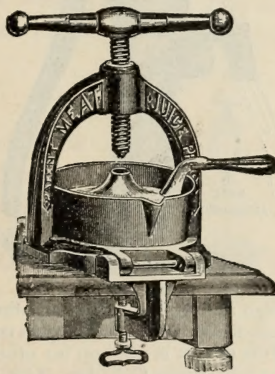


Raisin Seeders.



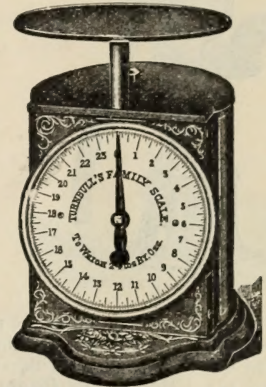
Breck's	Our net price.
Enterprise, Family	each, \$0.50
" Hotel	" 1.00
"	" 2.50

Meat Juice Press.



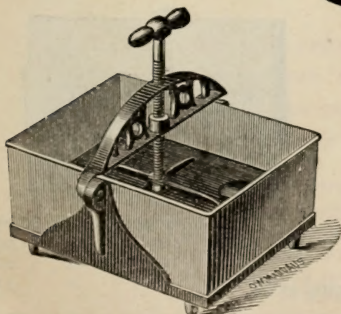
No. 1 C	Infant	Our net price.
" 2 C	Family Small	each, \$1.25
" 2 B	" Swing	" 1.75
" 3 B	" Large	" 2.00
		" 3.50

Family Scales.



No. 292	12 lb. x 1 oz. Tin	Our net price.
Scoop	each, \$2.50	
No. 297	24 lb. x 1 oz. Tin	
Scoop	" 2.50	
No. 292 B.	12 lb. x 1 oz. " "	
Brass Scoop	" 3.25	
No. 297 B.	24 lb. x 1 oz. " "	
Brass Scoop	" 3.25	

Meat Press.



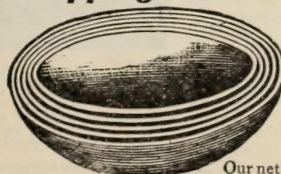
No. 1	6 x 9 x 4	Our net price.
" 2	8 x 12 x 5	each, \$2.25
" 3	10 x 14 x 16	" 3.25
		" 4.25

Rolling Pins.



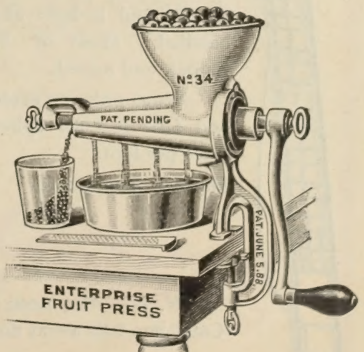
10 in. Revolving	Our net price.
12 x " "	each, \$0.15
12 xx " Cherry	" .10
Creased	" .15
	" .10

Chopping Bowls.



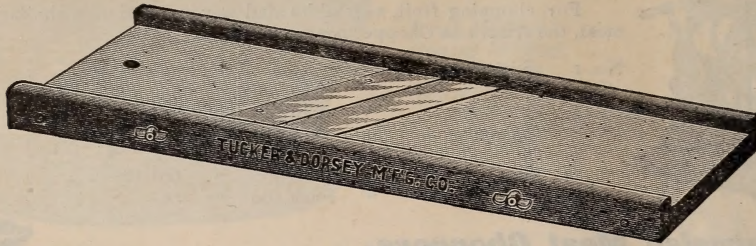
13 in. Diameter	Our net price
15 " " "	each, \$0.15
17 " " "	" .20
19 " " "	" .30
	" .40

Fruit Press.

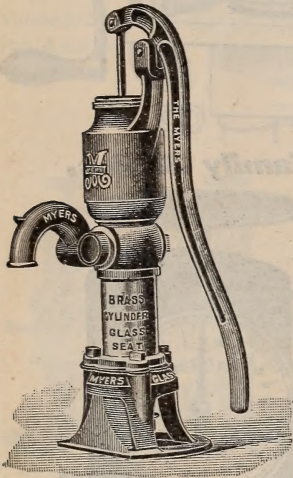


No. 34	Family	each, \$ 2.85
" 46	Family large	" 14.00

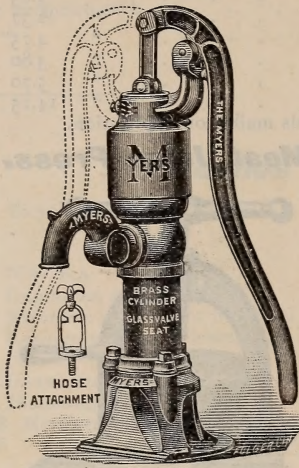
See Special Offers on third page of cover.

Slaw and Kraut Cutters.

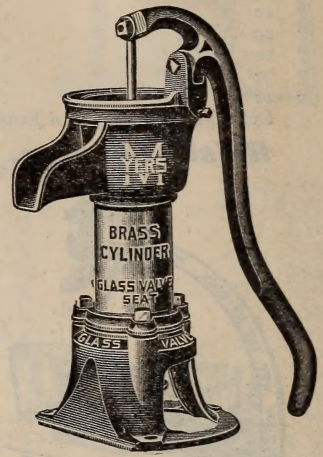
No. 1 Slaw, 1 Knife . . .	Net price, \$0.25	No. 5 Kraut, 3 Knife and Box, 9 x 30.	Net price, \$2.25
" 2 " 2 " . . .	" .40	" 7 " 3 " " 12 x 36.	" 3.50
" 2 Kraut 2 " and Box, 8 x 26 .	" 1.20	" 8 " 4 " " 12 x 36.	" 4.00
" 3 " 3 " " 8 x 26 .	" 1.35		

Brass Cylinder House Force and Lift Pumps.

No. 245.



No. 251.



No. 220.

The pumps shown above are novel in design and different from all other makes. Very nicely finished and durable. Reversible handles and non-freezing. They are fitted with special pipe couplings which take lead or iron pipe. Lead pipe can be attached direct without solder. This device is used on no other pumps. Glass Valve Seats.

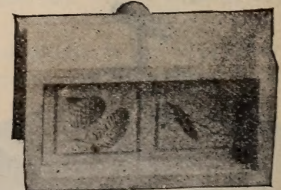
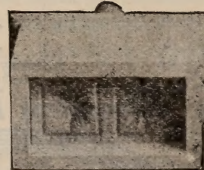
No. 245. House Lift Pump fitted with 3-inch Brass Cylinder. Our net price, each . . .	\$5.50
No. 251. Double Acting Force Pump fitted with upper Brass Cylinder and 3-inch Brass lower Cylinder, Glass Valve Seat and Drop Valve. Our net price, each . . .	8.00
No. 220. Brass Cylinder Pitcher Pump fitted with 3-inch Brass Cylinder. Our net price, each . . .	5.00

Extension Ladders.

The Diamond Extension Ladder is constructed in the most thorough manner and is light and very easily handled. Made of best selected timber, well ironed.

When ordering extension ladders add four feet for splice at regular price per foot.

Our net price, per ft. . . \$0.28

**Butter Moulds.**

1/2 lb., two 1/4 lb. prints . . .	Our net price, each, \$0.85
1 " " 1/2 " " . . .	" " 1.00
Add for each letter extra . . .	" " .20
" " " Old English letter extra . . .	" " .25

N. B.—Also 1,000 or more articles for which we have no room in this book. Our Large Hardware Catalogue tells about them. Page 21 tells you how to obtain it.

See Special Offers on third page of cover.

PLEASE READ THIS BEFORE MAKING UP YOUR ORDERS.

SPECIAL OFFERS.

Carriage Paid or 10 Per Cent. Discount Allowed.

We make the following offers on all orders made up from our ANNUAL CATALOGUE FOR 1902, at the net cash prices therein stated (except as noted), SENT US BY MAIL OR EXPRESS, ACCOMPANIED BY CASH

OFFER No. 1.

We will send GOODS PREPAID by Mail, Express, or Freight, as we may deem advisable, TO ANY CITY OR TOWN IN NEW ENGLAND.

OFFER No. 2.

We DELIVER ALL MAILABLE goods (except those marked net), including Vegetable and Flower Seeds quoted, by packet, ounce, pound, pint or quart; also Bulbs (except Caladiums), to any POST-OFFICE in the United States.

OFFER No. 3.

WHERE CUSTOMERS PAY TRANSPORTATION CHARGES THEMSELVES we will allow A DISCOUNT OF TEN PER CENT on all goods except those marked net.

PLEASE REMEMBER.

That orders sent in early SECURE THE FIRST SELECTIONS.

That our SPECIAL OFFERS are POSITIVELY LIMITED to ORDERS BY MAIL or EXPRESS ACCOMPANIED BY CASH, postal note, draft on New York or Boston, stamps, express or post-office money order.

That "Special Offers Nos. 2 and 3" are especially advantageous to PARTIES LIVING OUTSIDE of New England; when goods are not mailable, in a majority of cases the 10 per cent. discount will offset transportation charges.

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We offer such extraordinary inducements for orders sent us by mail or express, accompanied by cash, because we can execute them in the quiet of our mail order department with promptness, dispatch, and with goods of the highest excellence, and increase the volume of our business without impairing the efficiency of its service.

BAGS.—Persons remitting with their orders should include a sufficient sum to cover cost of bags necessary to contain purchase. Prices are: 1 and 2 bushels, 15 cents; 1-3 bushel, 12 cents; 1-4 bushel, 8 cents; 1-8 bushel, 6 cents. The amount charged will be refunded if bags are returned in good condition free of expense to us, within one month from date of purchase.

Joseph B. Peck & Son
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